



CHINA CLASSIFICATION SOCIETY

**RULES FOR CONSTRUCTION AND
EQUIPMENT OF SHIPS CARRYING
DANGEROUS LIQUID CHEMICALS
IN BULK**

AMENDMENTS

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**PART TWO CLASSIFICATION SURVEY AND ADDITIONAL
REQUIREMENTS FOR HULL STRUCTURE**

Chapter A2 CLASSIFICATION AND SURVEYS

A2.2 CHARACTERS OF CLASSIFICATION AND CLASS NOTATIONS

A2.2.2 Class notations

A2.2.2.4 Type of ship notation, cargo and loading characteristics notation, and special features notation of ships carrying ~~dangerous~~ chemicals in bulk are as follows, which are to be assigned in accordance with the principles for identification in Appendix 1, Chapter 2, PART ONE of CCS Rules for Classification of Sea-going Steel Ships:

(1) Type of ship notation is assigned in the order of ship type and protection against cargo leakage, which are separated by comma:

① Ship type

(a) Chemical Tanker

Ships that comply with the Rules and have the double hull structure as required by Chapter 5 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships and are fit for carrying the cargoes listed in Annex I to MARPOL 73/78 may be assigned the type notation “Chemical/Oil Tanker, Double Hull”. ~~For ships implementing enhanced survey programme (e.g. chemical tankers fitted with integral tanks), the “ESP” notation is to be assigned.~~

(2) Other class notations

② Protection against cargo leakage

①(a) In accordance with the degree of protection against cargo leakage, the following class notations will be appended to the ship type ~~notation “Chemical Tanker”~~ respectively:

Type 1

Type 2

Type 3

②(b) For the ships carrying ~~dangerous~~ chemicals in bulk which are built before 1 July 1986, and comply with IMO resolution A.212(VII), Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (hereinafter referred to as BCH code), the following class notations will be appended, in accordance with the degree of protection against cargo leakage, to the ship type ~~notation “Chemical Tanker”~~ respectively:

Type I

Type II

Type III

(2) Cargo and loading characteristics notation

③① The scantlings of structural members of cargo tanks are determined to the maximum permissible pressure/vacuum relief valve setting (gauge), maximum cargo density associated with a full tank and maximum cargo temperature, in accordance with the characteristics of cargoes intended to be carried, and appropriate class notations will be appended.

Maximum permissible pressure/vacuum relief valve setting (gauge):

Max. Pressure XX MPa

② Maximum permissible cargo density associated with a full tank, not to be less than any cargo density associated with full tank in all conditions of the Loading Manual:

Max. Cargo Density XX t/m³

③ Where the maximum permissible pressure/vacuum relief valve setting (gauge) for all cargo tanks is combined with the associated maximum cargo density, the combination is to be marked as:

Max. Pressure XX MPa & Max. Cargo Density YY t/m³

Where the maximum permissible pressure/vacuum relief valve setting (gauge) for a certain cargo tank is combined with the associated maximum cargo density, the combination is to be marked as:

Max. Pressure XX MPa & Max. Cargo Density YY t/m³ for Cargo Tanks No.ZZa, ZZb

④ The maximum permissible cargo temperature:

Max. Cargo Temperature XX °C

(3) Special features notation

④① Corrosion-resistant materials or means are to be used in cargo tanks. If the cargo tank is manufactured from stainless steel plate or lined with other corrosion resistant lining, appropriate notations are to be appended:

Stainless Steel

Lined with Corrosion Resistant Lining

(4) For ships implementing enhanced survey programme (e.g. chemical tankers fitted with integral tanks), the “ESP” notation is to be assigned.

A2.3 SURVEYS

A2.3.2.2 Annual surveys

(1) In addition to the applicable requirements of 5.4.2, 5.6.2, 5.8.2, 5.9.2 and 5.10.2 of Chapter 5 of PART ONE of CCS Rules for Classification of Sea-Going Steel Ships, the following survey items are to be covered:

- ~~① to confirm that wheelhouse doors and windows, sidescuttles and windows in superstructure and deckhouse ends facing the cargo area are in a satisfactory condition;~~
- ~~② to examine the cargo pump room, including:
 - a. confirming that potential sources of ignition, such as loose gear, combustible materials, etc., in or near the cargo pump room are eliminated, such as loose gear, combustible materials, etc., that there are no signs of undue leakage and that access ladders are in a satisfactory condition;
 - b. confirming that removable pipe lengths or other approved equipment necessary for cargo separation are available in the pump room and are in a satisfactory condition;
 - c. confirming that the remote operation of the cargo pump room bilge system is satisfactory;~~
- ~~③ to examine the bilge and ballast arrangements and to confirm that pumps and pipelines are identified;~~
- ~~④ to examine the cargo tank vent system, including the liquid level indicators and alarms, pressure/vacuum valves and secondary means to prevent over or under pressure and devices to prevent the passage of flame, and the arrangements of cargo tank purging with inert gas (as applicable) and to confirm that they are in a satisfactory condition;~~
- ~~⑤ to examine the cargo handling piping and machinery, including:
 - a. confirming, when applicable, that the bow or stern loading/unloading arrangements and machinery are in order and testing the means of communication and the remote shutdown for the cargo pumps;
 - b. examining, when applicable, the cargo heating or cooling systems, including any sampling arrangements, and confirming that the means for measuring the temperature and associated alarms are operating satisfactorily;
 - c. examining the cargo transfer arrangements and all pipelines, and confirming that any hoses are type approved or marked with date of testing and are suitable for their intended purpose;
 - d. examining the gauging devices, high level alarms and valves associated with overflow control;
 - e. verifying that the means for measuring the cargo temperature and associated fittings are in a satisfactory condition;~~
- ~~⑥ environmental control of vapour spaces within cargo tanks and void spaces surrounding cargo space, including:
 - a. examining the control means and confirming that arrangements are made for sufficient agents (gas) to be carried or generated;
 - b. confirming that the means provided for monitoring losses of agents (gas) are satisfactory;
 - c. confirming that arrangements are made for sufficient agents to be carried on board the ship where drying agents are used on air inlets to cargo tanks;~~

- ~~⑦ to examine the fire safety equipment, including:

 - a. ~~examining the fixed fire-fighting system for the cargo pump room and the deck foam system for the cargo area and confirming that their means of operation are clearly marked;~~
 - b. ~~confirming that the condition of the portable fire-extinguishing equipment for the cargoes to be carried in the cargo area is satisfactory;~~
 - c. ~~confirming that the condition of the system for continuous monitoring of the concentration of flammable vapours is satisfactory;~~~~
- ~~⑧ to examine the ventilation systems, including:

 - a. ~~examining as far as practicable, and confirming the satisfactory operation of the arrangements for the ventilation of spaces normally entered during cargo handling operations and other spaces in the cargo area;~~
 - b. ~~examining the means for closing the air intakes and openings into the accommodation and control spaces;~~
 - c. ~~examining the movable ventilation equipment used in the cargo area;~~~~
- ~~⑨ to examine the electrical equipment^④, including:

 - a. ~~confirming that the electrical equipment in all hazardous locations, including the cargo pump room, is suitable for use in such locations, in a satisfactory condition and being properly maintained;~~
 - b. ~~confirming, as far as practicable, that the intrinsically safe systems and circuits used for measurement, monitoring, control and communication purposes in all hazardous locations are being properly maintained;~~~~
- ~~⑩ to examine the equipment for personnel protection, including:

 - a. ~~protective clothing provided for the crew during loading and unloading operations are effective and properly stored;~~
 - b. ~~confirming that necessary safety equipment, related breathing apparatus and breathing air supply are satisfactory and properly stored;~~
 - c. ~~confirming that emergency escape breathing devices and eye protection provided as required are satisfactory and properly stored;~~
 - d. ~~medical first-aid equipment, including stretchers and oxygen delivery equipment are in satisfactory condition;~~
 - e. ~~antidotes for cargoes actually carried onboard have been provided;~~
 - f. ~~decontamination equipment and eyewash equipment are operable;~~
 - g. ~~necessary gas detection equipment have been provided onboard and vapour detection pipes are appropriately arranged;~~
 - h. ~~storage of cargo samples is satisfactorily arranged;~~~~
- ~~⑪ to confirm that sampling points or detector heads are located in suitable positions in order that potentially dangerous leakages are readily detected:

 - ① confirming, when appropriate, that the requisite arrangements to regain steering capability in the event of the prescribed single failure are being maintained;
 - ② examining the cargo tank openings, including gaskets, covers, coamings and screens;
 - ③ examining the cargo tank pressure/vacuum valves and devices to prevent the passage of flame;
 - ④ examining the devices to prevent the passage of flame on vents to all bunker, oily-ballast and oily-slop tanks and void spaces, as far as practicable;
 - ⑤ examining the cargo tank venting, cargo tank purging and gas freeing and other ventilation systems;
 - ⑥ examining the cargo, crude oil washing, ballast and stripping systems both on deck and in the cargo pump-rooms and the bunker system on deck;~~

^④ In accordance with IEC60079-17:Part 17: Inspection and Maintenance of Electric Installations in Hazardous Areas (other than mines), at least visual inspections are to be performed.

- ⑦ confirming that all electrical equipment in dangerous zones is suitable for such locations, is in good condition and is being properly maintained;
- ⑧ confirming that potential sources of ignition in or near the cargo pump-room are eliminated, such as loose gear, combustible materials, etc., that there are no signs of undue leakage and that access ladders are in good condition;
- ⑨ examining all pump-room bulkheads for signs of oil leakage or fractures and, in particular, the sealing arrangements of all penetrations of cargo pump-room bulkheads;
- ⑩ examining, as far as practicable, the cargo, bilge, ballast and stripping pumps for undue gland seal leakage, verification of proper operation of electrical and mechanical remote operating and shutdown devices and operation of cargo pump-room bilge system, and checking that pump foundations are intact;
- ⑪ confirming that the pump-room ventilation system is operational, ducting intact, dampers operational and screens clean;
- ⑫ verifying that installed pressure gauges on cargo discharge lines and level indicator systems are operational;
- ⑬ examining access to bow arrangement;
- ⑭ examining the towing arrangement for tankers of not less than 20,000 tonnes deadweight;
- ⑮ confirming that the corrosion prevention system fitted to dedicated ballast water tanks of oil tankers and bulk carriers when appropriate is maintained;
- ⑯ examining the emergency lighting in all cargo pump-rooms of tankers constructed after 1 July 2002;
- ⑰ confirming that the wheelhouse doors and windows, sidescuttles and windows in superstructure and deckhouse ends in the cargo area are in a satisfactory condition;
- ⑱ confirming requirements in A2.3.2.2(1) ⑧;
- ⑲ confirming that removable pipe lengths or other approved equipment necessary for cargo separation are available in the pump room and are in a satisfactory condition;
- ⑳ confirming requirements in A2.3.2.2(1) ⑨;
- ㉑ confirming that the remote operation of the cargo pump room bilge system is satisfactory;
- ㉒ examining the bilge and ballast arrangements and confirming that pumps and pipelines are identified;
- ㉓ confirming, when applicable, that the bow or stern loading and unloading arrangements are in order and testing the means of communication and the remote shut down for the cargo pumps;
- ㉔ examining the cargo transfer arrangements and confirming that any hoses are suitable for their intended purpose and, where appropriate, type-approved or marked with date of testing;
- ㉕ examining, when applicable, the cargo heating or cooling systems, including any sampling arrangements, and confirming that the means for measuring the temperature and associated alarms are operating satisfactorily;
- ㉖ examining as far as practicable, the cargo tank vent system, including the liquid level indicators and alarms, pressure/vacuum valves and secondary means to prevent over- or under pressure and devices to prevent the passage of flame, and the arrangements of

cargo tank purging with inert gas (as applicable);

- 27 examining the gauging devices, high-level alarms and valves associated with overflow control;
- 28 confirming that arrangements for sufficient gas to be carried or generated to compensate for normal losses, and that the means provided for monitoring ullage spaces, are satisfactory;
- 29 confirming that arrangements are made for sufficient agents to be carried on board the ship where drying agents are used on air inlets to cargo tanks;
- 30 confirming that the electrical equipment in all hazardous locations, including the cargo pump room, is suitable for use in such locations, in a satisfactory condition and being properly maintained;
- 31 examining the fixed fire-fighting system for the cargo pump room and the deck foam system for the cargo area and confirming that their means of operation are clearly marked;
- 32 confirming that the condition of the portable fire-extinguishing equipment for the cargoes to be carried in the cargo area is satisfactory;
- 33 confirming that the condition of the system for continuous monitoring of the concentration of flammable vapours is satisfactory;
- 34 examining as far as practicable, the arrangements for the ventilation of spaces normally entered during cargo handling operations and other spaces in the cargo area and confirming the satisfactory operation of the ventilation system;
- 35 confirming, as far as practicable, that the intrinsically safe systems and circuits used for measurement, monitoring, control and communication purposes in all hazardous locations are being properly maintained;
- 36 examining the equipment for personnel protection, including:
 - (a) protective clothing provided for the crew during loading and unloading operations are effective and properly stored;
 - (b) confirming that necessary safety equipment, related breathing apparatus and breathing-air supply are satisfactory and properly stored; confirming that emergency escape breathing devices and eye protection provided as required are satisfactory and properly stored;
 - (c) medical first-aid equipment, including stretchers and oxygen delivery equipment are in satisfactory condition;
 - (d) antidotes for cargoes actually carried onboard have been provided;
 - (e) decontamination equipment and eyewash equipment are operable;
 - (f) necessary gas detection equipment have been provided onboard and vapour detection pipes are appropriately arranged;
 - (g) storage of cargo samples is satisfactorily arranged;
- 37 confirming that sampling points or detector heads are located in suitable positions in order that potentially dangerous leakages are readily detected.

(2) To verify that operation instructions and information, such as cargo stowage plan, loading manual and loading limits, are available on board.

A2.3.2.3 Intermediate surveys

(1) In addition to the requirements of 5.4.3, 5.6.3, 5.8.3, 5.9.3 and 5.10.3 of Chapter 5 of PART ONE of CCS Rules for Classification of Sea-Going Steel Ships, and the requirements of A2.3.2.2(1)① to ~~④~~ ③ and (2) of the Rules, the following survey items are to be covered:

- ① to examine ventilation line drainage arrangements;
- ② to confirm, where applicable, that pipelines and independent cargo tanks are electrically bonded to the hull;

- ③ to generally examine the electrical equipment^① and cables in dangerous zones such as cargo pump rooms and areas adjacent to cargo tanks to check for defective equipment, fixtures and wiring; the insulation resistance of the circuits is to be tested and in cases where a proper record of testing is maintained, consideration is to be given to accepting recent readings.

^① In accordance with IEC60079-17: Part 17: Inspection and Maintenance of Electric Installations in Hazardous Areas (other than mines), at least close inspections are to be performed.

Chapter A3 APPROVAL OF PLANS AND DOCUMENTS OF SHIPS

A3.1 General requirements

A3.1.2 The following plans and documents are to be submitted to CCS for approval:

- (1) Construction profile of independent cargo tank (where applicable);
- (2) Arrangement of supporting and securing devices of independent cargo tank (where applicable);
- (3) Details of reinforcement structure to supporting and securing devices of independent cargo tank (may be included in the construction profile where applicable);
- (4) Insulation arrangement of independent cargo tank (where applicable);
- (5) Arrangement of emergency towing arrangements (where applicable);
- (6) Arrangement of means of access to cargo areas;
- (7) Arrangement of permanent means of access for inspections (where applicable);
- (8) Anti-pollution calculations (where applicable);
- (9) Information on accidental oil outflow performance (where applicable);
- (10) Plans for ventilation in cargo area (including removal of residues, where applicable);
- (11) Cargo-handling and stripping systems;
- (12) Arrangement of cargo pump rooms (where applicable);
- (13) Cargo tank venting, purging and gas-freeing system (including vapour return, where applicable);
- (14) Cargo heating (cooling) systems;
- (15) Cargo tank environment control system (where means for inerting, isolating, drying and ventilating are adopted according to the carriage requirements for different cargoes, the corresponding system plan or arrangement plan is to be submitted);
- (16) Tank washing piping system;
- (17) Fixed cargo deck foam fire extinguishing system;
- ~~(18) Underwater discharge system;~~
- ~~(18)(19) Ventilation systems of cargo pump-rooms (where applicable);~~
- ~~(20) Calculations of pressure drop in vapour return;~~
- ~~(21) Manual of vapour return system (where applicable);~~
- ~~(19)(22) Measurement, alarm systems and arrangement plans (liquid level, pressure, temperature, detection of flammable gas, etc.);~~
- ~~(20)(23) Bilge ballast system in cargo area;~~
- ~~(24) Procedures and Arrangements Manual (or to be submitted to the flag State Administration);~~
- ~~(25) Marine Pollution Emergency Plan (or to be submitted to the flag State Administration);~~
- ~~(21)(26) List of products intended to be carried;~~
- ~~(22)(27) Deck water spray system (where applicable);~~
- ~~(23)(28) Cargo Handling Manual Cargo Cargo handling plan, emergency venting device and calculation and passivation procedure information required to be submitted for review or approval in Chapter 15 (where applicable);~~
- ~~(24) Fixed cargo deck dry powder fire extinguishing system (where applicable);~~
- ~~(25) Fixed cargo pump-room CO₂ (or pressure spray or high expansion) fire extinguishing system (where applicable);~~
- ~~(26) Decontamination showering and eyewash equipment arrangement and its water supply system.~~

A3.1.3 The following plans and documents are to be submitted to CCS for information:

- (1) Specifications for the chemical tanker (including ship particulars, detailed description of the final state of the surface of the material in contact with the liquid cargo within the cargo tank and associated fabrication and repair, characteristics of special structure materials, particulars of any special containment features (e.g. pressure tanks));
- ~~(2) Calculations of fixed deck fire extinguishing system;~~
- ~~(3) Calculations of underwater discharge outlet;~~
- ~~(2)(4) Direct strength assessment report (where applicable);~~
- ~~(3)(5) Fatigue strength assessment report (where applicable);~~
- ~~(4)(6) Calculation report of temperature field distribution and thermal stress analysis (where applicable);~~
- ~~(5)(7) Sloshing load and sloshing strength assessment report (where applicable);~~

- (6) Calculations of fixed cargo deck foam fire extinguishing system;
- (7) Calculations of fixed cargo deck dry powder fire extinguishing system (where applicable);
- (8) Calculations of fixed cargo pump-room CO₂ (or pressure spray or high expansion) fire extinguishing system (where applicable).

Chapter A4 ADDITIONAL REQUIREMENTS FOR HULL STRUCTURE

A4.9 Cargo tank boundary

A4.9.1.1 Scantlings of cargo tank boundary is to be determined by maximum permissible pressure/vacuum relief valve setting (gauge) and maximum cargo density associated with a full tank. Where the maximum permissible pressure and associated maximum cargo density within a full tank are multiple combinations, the scantlings of cargo tank boundary are to be taken as the greater of the calculated value of combinations and all combinations are to be marked in the figure of midship section.

A4.9.1.2 The maximum permissible pressure/vacuum relief valve setting (gauge) of the integral gravity tank is not to exceed 0.07 MPa ~~gauge~~.

A4.9.2 Tank top plating which forms part of the boundary structure of cargo tanks

A4.9.2.1 The thickness t of tank top plating which forms part of the boundary structure of cargo tanks is not to be less than the value obtained from the following formula:

$$t = t_0 \sqrt{K} + t_c \quad \text{mm}$$

where: t_0 — thickness, in mm, to be taken as the greater of the values obtained by the following formulae:

$$t_0 = 39.5s \sqrt{P_V - 0.02}$$

$$t_0 = 2.8s \sqrt{\rho h}$$

$$t_0 = 3.95s \sqrt{q}$$

$$t_0 = 4.5s$$

where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = 100(P_V - 0.02)$$

$$q_2 = 0.5\rho h$$

K — material factor, see A4.2 of this Chapter;

t_c — corrosion addition, in mm; $t_c = 2.5$ mm for carbon steel, $t_c = 1.0$ mm for stainless steel, $t_c = 1.5$ mm for compound stainless steel plates (the thickness of stainless steel clad is not to be less than 1.5 mm);

s — spacing of longitudinals, in m;

P_V — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02MPa;

ρ — the maximum cargo density, in t/m³, to be taken as not less than 1.025 t/m³;

h — vertical distance from top of the overflow to deck, in m.

A4.9.3 Plating which forms part of the boundary structure of cargo tanks

A4.9.3.1 The thickness t of bottom and plane side plates which forms the boundary structure of cargo tanks is not to be less than the value obtained from the following formula:

$$t = t_0 \sqrt{K} + t_c \quad \text{mm}$$

where: t_0 — thickness, in mm, to be taken as the greater of the values obtained by the following formulae:

$$t_0 = 3.95s \sqrt{\rho h_1 + 100(P_V - 0.02)}$$

$$t_0 = 2.8s \sqrt{\rho h}$$

$$t_0 = 3.95s \sqrt{q}$$

$$t_0 = 2.9s\sqrt{2.45 + h_1}$$

where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = \rho h_1 + 100(P_V - 0.02)$$

$$q_2 = 0.5\rho h$$

K — material factor, see A4.2 of this Chapter;

t_c — corrosion addition, in mm; $t_c = 2.5$ mm for carbon steel; for stainless steel, to be taken in accordance with Table A4.9.3.1(a); for compound stainless steel plates, to be taken in accordance with Table A4.9.3.1(b);

s — spacing of stiffeners, in m;

ρ — maximum cargo density, in t/m³, to be taken as not less than 1.025 t/m³;

h_1 — vertical distance, in m, measured from the lower edge of the plate in a strake to the top of the tank;

P_V — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;

h — vertical distance, in m, measured from the lower edge of the strake to the top of the overflow:

t_c of stainless steel plates which forms part of the boundary

Structure of cargo tanks

Table A4.9.3.1(a)

Compartments for each side of plate	t_c (mm)
One side in cargo tank, one side in ballast tank	1.0
One side in cargo tank, one side in double bottom ballast tank (when double bottom and double side ballast tanks are not interconnected)	1.5
Both sides in cargo tank	1.0
One side in cargo tank, one side in dry space	1.0

Value of t_c of compound stainless steel plates which forms part of the boundary

Structure of cargo tanks

Table A4.9.3.1(b)

Compartments for each side of plate	t_c (mm)
One side in cargo tank, one side in ballast tank	1.5
One side in cargo tank, one side in double bottom ballast tank (when double bottom and double side ballast tanks are not interconnected)	2.0
Both sides in cargo tank	1.5
One side in cargo tank, one side in dry space	1.5

A4.9.4 Shell plating which forms part of the boundary structure of integral cargo tanks

A4.9.4.1 Where the maximum permissible pressure of the integral cargo tank exceeds 0.02 MPa or the maximum cargo density exceeds 1.025 t/m³, the thickness t of shell plating which forms part of the boundary structure of cargo tanks is not to be less than the value obtained from the following formula:

$$t = 3.95s\sqrt{[\rho h_1 + 100(P_V - 0.02)]K} + t_c \quad \text{mm}$$

where: s — spacing of longitudinals, in m;

ρ — maximum cargo density, in t/m³, to be taken as not less than 1.025 t/m³;

h_1 — vertical distance, in m, measured from the lower edge of the plate in a strake to the top of the tank;

P_V — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;

K — material factor, see A4.2 of this Chapter;

t_c — corrosion addition, in mm; $t_c = 2.5$ mm for carbon steel, $t_c = 1.0$ mm for stainless steel, $t_c = 1.5$ mm for compound stainless steel plates (the thickness of stainless steel clad is not

to be less than 2.0 mm);

A4.9.5 Framing structure which forms part of the boundary structure of cargo tanks

A4.9.5.1 The section modulus W of stiffeners is not to be less than the values obtained from the following formulae:

$$W = 8Ksl^2[\rho h_1 + 100(P_v - 0.02)] \text{ cm}^3$$

$$W = 4Ks\rho hl^2 \text{ cm}^3$$

$$W = 8Ksq l^2 \text{ cm}^3$$

$$W = 4.2Ksl^2(2.45 + h_1) \text{ cm}^3$$

where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = \rho h_1 + 100(P_v - 0.02)$$

$$q_2 = 0.5\rho h$$

K — material factor, see A4.2 of this Chapter;

s — spacing of stiffeners, in m;

l — span of stiffeners, in m;

ρ — maximum cargo density, in t/m³, to be taken as not less than 1.025 t/m³;

h_1 — vertical distance measured from the midspan of stiffener to the top of the tank, in m;

P_v — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;

h — vertical distance measured from the midspan of stiffener to the top of the overflow, in m.

A4.9.5.3 When forming part of the boundary structure of integral cargo tanks, the section modulus W of deck longitudinals is also to comply with the requirements of 5.6.4.1 of Chapter 5 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships, the section modulus W of transverse bulkhead stiffeners is also to comply with the requirements of Section 7 of Chapter 5 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships and the section modulus W of longitudinal bulkhead stiffeners is also to comply with the requirements of Section 8 of Chapter 5 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships.

A4.9.5.9 The section modulus W of plane bulkhead girders is not to be less than the values obtained from the following formulae:

$$W = 11.7Kbl^2[\rho h_1 + 100(P_v - 0.02)] \text{ cm}^3$$

$$W = 6Kb\rho hl^2 \text{ cm}^3$$

$$W = 11.7Kbql^2 \text{ cm}^3$$

$$W = 6.3Kbl^2(2.45 + h_1) \text{ cm}^3$$

where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = \rho h_1 + 100(P_v - 0.02)$$

$$q_2 = 0.5\rho h$$

K — material factor, see A4.2 of this Chapter;

b — breadth of area supported by the girder, in m;

l — span of girders, in m;

ρ — the maximum cargo density, in t/m³, to be taken as not less than 1.025 t/m³;

h_1 — vertical distance measured from the midspan of girder to the top of the tank, in m;
 P_V — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;
 h — vertical distance measured from the midspan of girder to top of the overflow, in m.

A4.9.6.2 The section modulus W of symmetrical corrugated bulkheads forming part of the boundary structure of cargo tanks is not to be less than the value obtained from the following formulae:

$$W = KCs l^2 [\rho h_1 + 100(P_V - 0.02)] \text{ cm}^3$$

$$W = 0.5KC_s \rho h l^2 \text{ cm}^3$$

$$W = KC_s q l^2 \text{ cm}^3$$

$$W = 0.53KC_s l^2 (2.45 + h_1) \text{ cm}^3$$

Where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = \rho h_1 + 100(P_V - 0.02)$$

$$q_2 = 0.5 \rho h$$

$W = d_w t \left(a + \frac{b}{3} \right)$, in cm^3 , is the section modulus of a corrugation over a spacing (see

Figure A4.9.6.2);

- s — spacing of corrugations, in m, ~~as shown in Figure A4.9.6.2~~ see Figure 1.2.4.3 of Chapter 1, PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;
- a — width of corrugation flange, in m, ~~as shown in Figure A4.9.6.2~~ see Figure 1.2.4.3 of Chapter 1, PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;
- b — width of corrugation web, in m ~~as shown in Figure A4.9.6.2~~ see Figure 1.2.4.3 of Chapter 1, PART TWO of CCS Rules for Classification of Sea-Going Steel Ships ;
- d_w — depth of corrugation, in mm, ~~as shown in Figure A4.9.6.2~~ see Figure 1.2.4.3 of Chapter 1, PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;
- t — thickness of corrugated bulkhead plating, in mm, ~~as shown in Figure A4.9.6.2~~ see Figure 1.2.4.3 of Chapter 1, PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;
- K — material factor, see A4.2 of this Chapter;
- C — coefficient, to be taken according to the end fixity as specified in Table 2.13.3.1 of Section 13, Chapter 2 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;
- l — span of corrugations, i.e. distance between supporting points, in m;
- ρ — the maximum cargo density, in t/m^3 , to be taken as not less than 1.025 t/m^3 ;
- P_V — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;
- h_1 — vertical distance measured from the mid span of corrugation to tank top, in m;
- h — vertical distance measured from the mid span of corrugation to top of the overflow, in m.

Where the span of corrugated bulkhead exceeds 15 m, a horizontal girder is to be arranged near the mid-span.

The section moment of inertia I of corrugated bulkheads is not to be less than that obtained from the following formulae:

$$I = 2.3 \frac{Wl}{K} \text{ cm}^4$$

Where: $I = \frac{1}{20} d_w^2 t \left(a + \frac{b}{3} \right)$, in cm^4 , is the moment of inertia of a corrugation over a spacing

(see Figure A4.9.6.2);

W , l , K are mentioned as above.

The thickness of plating required in 4.9.6.2 is to be maintained within the range of at least $2/3 l$ from the lower end of the span of corrugations. The thickness of plating above that, which is required in 4.9.6.2, may be appropriately reduced if comply with the direct strength assessment, and the reduction value is not to exceed 20% of the required value in 4.9.6.2. The direct strength assessment report is to be submitted to CCS for information.

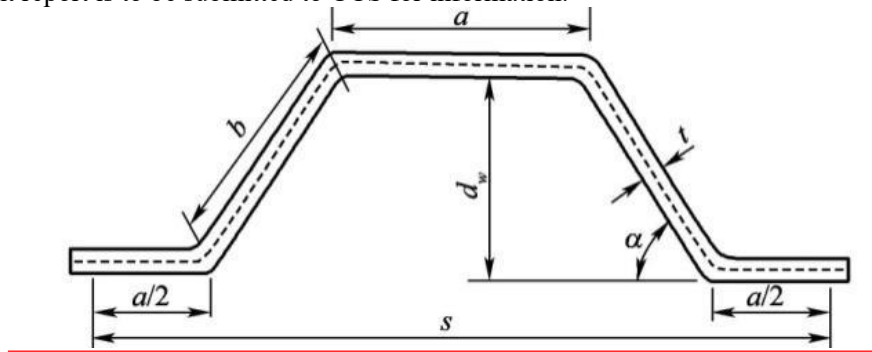


Figure A4.9.6.2 Illustration of a corrugation over a spacing

A4.9.7.2 The section modulus W of webs and the spacing b of plates of double plate bulkhead forming part of the boundary structure of integral cargo tanks are not to be less than the values obtained from the following formulae:

$$W = K C s l^2 [\rho h_1 + 100(P_v - 0.02)] \text{ cm}^3$$

$$W = 0.5 K C s \rho h l^2 \text{ cm}^3$$

$$W = K C s q l^2 \text{ cm}^3$$

$$W = 0.53 K C s l^2 (2.45 + h_1) \text{ cm}^3$$

$$b = 40l \text{ mm}$$

where: q — to be taken as the greater of the values obtained by the following formulae:

$$q_1 = \rho h_1 + 100(P_v - 0.02)$$

$$q_2 = 0.5 \rho h$$

K — material factor, see A4.2 of this Chapter;

C — coefficient, to be taken according to the end fixity as specified in 2.13.4.1 of Chapter 2 of PART TWO of CCS Rules for Classification of Sea-Going Steel Ships;

s — spacing of webs, in m;

l — span of webs, in m;

ρ — the maximum cargo density, in t/m^3 , to be taken as not less than 1.025 t/m^3 ;

h_1 — vertical distance measured from the mid span of web to tank top in m;

P_v — maximum pressure/vacuum relief valve setting (gauge), in MPa, to be taken as not less than 0.02 MPa;

h — vertical distance measured from the mid span of web to top of the overflow, in m.

A4.11 Sloshing assessment

A4.11.2 Where the chemical tanker is assigned with CSR class notation, the sloshing assessment is to be carried out in accordance with Section 4, Chapter 10, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships. Where effective sloshing breadth b_{sth} exceeds $0.56B$ or

the effective sloshing length l_{slh} exceeds $0.13L$, strength assessment of the tank structure under sloshing loads is to be carried out in “level 3” as required by CCS Guidelines for Assessment of Sloshing Loads and Structural Scantling of Tanks.

Appendix DIRECT STRENGTH CALCULATION OF CHEMICAL TANKERS

Section 1 GENERAL

1.1 Application

1.1.2 Where CSR class notation is assigned, the additional requirements of Section 2 of this Appendix are to be complied with in addition to the requirements of Chapter 7, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships.

Section 2 ADDITIONAL REQUIREMENTS FOR SHIPS ASSIGNED WITH CSR CLASS NOTATION

2.1 Structural models

2.1.3 The net scantling approach of plating and framing of finite element models is to be applied in accordance with the requirements of paragraph 2 of Section 1, Chapter 7, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships. The corrosion addition t_c of stainless steel and clad stainless steel is to be taken in accordance with paragraph 1.2 of Section 3, Chapter 3, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships.

2.2 Loading conditions

2.2.1 Normally, the corresponding loading conditions are to be selected from Section 8, Chapter 4, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships for check.

2.3 Load calculation

2.3.2 Where loading conditions similar to the emergency ballast conditions as A8 in Table 2 and B7 in Table 3 of Section 8, Chapter 4, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships are specified in the loading manual, the lateral pressure within cargo hold is to be calculated as the liquid cargo pressure.

2.4 Strength assessment

2.4.1 The structural elements are to comply with the criteria specified in Chapters 7 and 8, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Steel Ships and material factor is to be taken in accordance with A4.2 of this Chapter.

2.5 Mesh analysis

2.5.1 The considered areas of structural details and relevant fine mesh analysis are to comply with the requirements of Section 3, Chapter 7, Part 1 of PART NINE of CCS Rules for Classification of Sea-Going Ships, in addition, additional requirements of 2.5.2 to 2.5.7 of this Appendix are also to be complied with.

Section 3 ADDITIONAL REQUIREMENTS FOR SHIPS NOT ASSIGNED WITH CSR CLASS NOTATION

3.3 Load calculation

3.3.3 Where the maximum permissible pressure/setting (gauge) of vacuum relief valves P_V exceeds 0.02 Mpa, additional pressure $1000 (P_V - 0.02)$ kN/m² is to be accounted in the lateral pressure due to liquid cargoes within cargo hold.

PART THREE INTERNATIONAL CODE FOR THE CONSTRUCTION AND EQUIPMENT OF SHIPS CARRYING DANGEROUS CHEMICALS IN BULK

Preamble

10 This edition of IBC Code includes amendments adopted by the following resolutions:

	Resolution	Adoption	Deemed acceptance	Entry into force
1	MSC.10(54)	29 April 1987	29 April 1988	30 October 1988
2	MSC.14(57) MEPC.32(27)	11 April 1989 17 March 1989	12 April 1990 12 April 1990	13 October 1990 13 October 1990
3	MSC.28(61) MEPC.55(33)	11 December 1992 30 October 1992	1 January 1994 1 January 1994	1 July 1994 1 July 1994
4	MSC.50(66) MEPC.69(38)	4 June 1996 10 July 1996	1 January 1998 1 January 1998	1 July 1998 1 July 1998
5	MSC.58(67) MEPC.73(39)	5 December 1996 10 March 1997	1 January 1998 10 January 1998	1 July 1998 10 July 1998
6	MSC.102(73)	5 December 2000	1 January 2002	1 July 2002
7	MSC.176(79) MEPC.119(52)	9 December 2004 15 October 2004	1 July 2006 1 July 2006	1 January 2007 1 January 2007
8	MSC.219(82) MEPC.166(56)	8 December 2006 13 July 2007	1 July 2008 1 July 2008	1 January 2009 1 January 2009
9	MSC.340(91) MEPC.225(64)	30 November 2012 5 October 2012	1 December 2013 1 December 2013	1 June 2014 1 June 2014
10	MSC.369(93) MEPC.250(66) ^①	22 May 2014 4 April 2014	1 July 2015 1 July 2015	1 January 2016 1 January 2016
<u>11</u>	<u>MSC.460(101)</u> <u>MEPC.318(74)</u>	<u>14 June 2019</u> <u>17 May 2019</u>	<u>1 July 2020</u> <u>1 July 2020</u>	<u>1 January 2021</u> <u>1 January 2021</u>

^① Resolution MEPC.250(66) was subsequently amended by MEPC.66/21/Corr.1 in the form of corrigendum.

Chapter 1 General

The existing 1.3 is replaced by the following:

1.3 Definitions

The following definitions apply unless expressly provided otherwise. (Additional definitions are given in individual Chapters.)

CCS 1.3 Certificate of Fitness means the International Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk issued in accordance with IBC Code and its amendments.

1.3.1 Accommodation spaces are those spaces used for public spaces, corridors, lavatories, cabins, offices, hospitals, cinemas, games and hobbies rooms, barber shops, pantries containing no cooking appliances and similar spaces. Public spaces are those portions of the accommodation spaces which are used for halls, dining rooms, lounges and similar permanently enclosed spaces.

1.3.2 Administration means the Government of the State whose flag the ship is entitled to fly. For Administration (Port) see Port Administration.

1.3.3 Anniversary date means the day and the month of each year, which will correspond to the date of expiry of the International Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk.

1.3.4 Boiling point is the temperature at which a product exhibits a vapour pressure equal to the atmospheric pressure.

1.3.5 Breadth (B) means the maximum breadth of the ship, measured amidships to the moulded line of the frame in a ship with a metal shell and to the outer surface of the hull in a ship with a shell of any other material. The breadth (B) shall be measured in metres.

1.3.6 Cargo area is that part of the ship that contains cargo tanks, slop tanks, cargo pump-rooms including pump-rooms, cofferdams, ballast or void spaces adjacent to cargo tanks or slop tanks and also deck areas throughout the entire length and breadth of the part of the ship over the above-mentioned spaces. Where independent tanks are installed in hold spaces, cofferdams, ballast or void spaces at the after end of the aftermost hold space or at the forward end of the forward-most hold space are excluded from the cargo area.

1.3.7 Cargo pump-room is a space containing pumps and their accessories for the handling of the products covered by the Code.

1.3.8 Cargo service spaces are spaces within the cargo area used for workshops, lockers and store-rooms of more than 2 m² in area, used for cargo-handling equipment.

1.3.9 Cargo tank is the envelope designed to contain the cargo.

1.3.10 Chemical tanker is a cargo ship constructed or adapted and used for the carriage in bulk of any liquid product listed in Chapter 17.

1.3.11 Cofferdam is the isolating space between two adjacent steel bulkheads or decks. This space may be a void space or a ballast space.

1.3.12 Control stations are those spaces in which ship's radio or main navigating equipment or the emergency source of power is located or where the fire-recording or fire-control equipment is centralized. This does not include special fire-control equipment which can be most practically located in the cargo area.

1.3.13 Dangerous chemicals means any liquid chemicals designated as presenting a safety hazard, based on the safety criteria for assigning products to chapter 17.

1.3.14 Density is the ratio of the mass to the volume of a product, expressed in terms of kilograms per cubic metre. This applies to liquids, gases and vapours.

1.3.15 Explosive/flammability limits/range are the conditions defining the state of fuel-oxidant mixture at which application of an adequately strong external ignition source is only just capable of producing flammability in a given test apparatus.

1.3.16 Flashpoint is the temperature in degrees Celsius at which a product will give off enough flammable vapour to be ignited. Values given in the Code are those for a "closed-cup test" determined by an approved flashpoint apparatus.

1.3.17 Gas-freeing means the process where a portable or fixed ventilation system is used to introduce fresh air into a tank in order to reduce the concentration of hazardous gases or vapours to a level safe for tank entry.

1.3.18 Hold space is the space enclosed by the ship's structure in which an independent cargo tank is situated.

1.3.19 *Independent* means that a piping or venting system, for example, is in no way connected to another system and that there are no provisions available for the potential connection to other systems.

1.3.20 *Length (L)* means 96% of the total length on a waterline at 85% of the least moulded depth measured from the top of the keel, or the length from the foreside of the stem to the axis of the rudder stock on that waterline, if that be greater. In ships designed with a rake of keel, the waterline on which this length is measured shall be parallel to the designed waterline. The length (L) shall be measured in metres.

1.3.21 *Machinery spaces of category A* are those spaces and trunks to such spaces which contain:

- .1 internal-combustion machinery used for main propulsion; or
- .2 internal-combustion machinery used for purposes other than main propulsion where such machinery has in the aggregate a total power output of not less than 375 kW; or
- .3 any oil-fired boiler or oil fuel unit or any oil fired equipment other than boilers, such as inert gas generators, incinerators etc.

1.3.22 *Machinery spaces* are all machinery spaces of category A and all other spaces containing propelling machinery, boilers, oil fuel units, steam and internal-combustion engines, generators and major electrical machinery, oil filling station, refrigerating, stabilizing, ventilation and air-conditioning machinery, and similar spaces, and trunks to such spaces.

1.3.23 *MARPOL* means the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, as amended.

1.3.24 *Noxious Liquid Substance* means any substance indicated in the Pollution Category column of chapters 17 or 18 of the International Bulk Chemical Code, or the current MEPC.2/Circular or provisionally assessed under the provisions of regulation 6.3 of MARPOL Annex II as falling into categories X, Y or Z.

1.3.25 *Oil fuel unit* is the equipment used for the preparation of oil fuel for delivery to an oil-fired boiler, or equipment used for the preparation for delivery of heated oil to an internal-combustion engine, and includes any oil pressure pumps, filters and heaters dealing with oil at a pressure of more than 0.18 MPa gauge.

1.3.26 *Organization* is the International Maritime Organization (IMO).

1.3.27 *Permeability* of a space means the ratio of the volume within that space which is assumed to be occupied by water to the total volume of that space.

1.3.28 *Port Administration* means the appropriate authority of the country in the port of which the ship is loading or unloading.

1.3.29 *Products* is the collective term used to cover both Noxious Liquid Substances and Dangerous Chemicals.

1.3.30 *Pump-room* is a space, located in the cargo area, containing pumps and their accessories for the handling of ballast and oil fuel.

1.3.31 *Purging* means the introduction of inert gas into a tank which is already in an inert condition with the object of further reducing the oxygen content; and/or reducing the existing hydrocarbon or other flammable vapours content to a level below which combustion cannot be supported if air is subsequently introduced into the tank.

1.3.32 *Recognized organization* is an organization authorized by an Administration in accordance with MARPOL Annex II regulation 8.2.2 and SOLAS regulation XI-1/1.

1.3.33 *Recognized standards* are applicable international or national standards acceptable to the Administration or standards laid down and maintained by an organization which complies with the standards adopted by the Organization and which is recognized by the Administration.

1.3.34 *Reference temperature* is the temperature at which the vapour pressure of the cargo corresponds to the set pressure of the pressure-relief valve.

1.3.35 *Separate* means that a cargo piping system or cargo vent system, for example, is not connected to another cargo piping or cargo vent system.

1.3.36 *Service spaces* are those spaces used for galleys, pantries containing cooking appliances, lockers, mail and specie rooms, store-rooms, workshops other than those forming part of the machinery spaces and similar spaces and trunks to such spaces.

1.3.37 *SOLAS* means the International Convention for the Safety of Life at Sea, 1974, as amended.

1.3.38 *Vapour pressure* is the equilibrium pressure of the saturated vapour above a liquid

expressed in Pascals (Pa) at a specified temperature.

1.3.39 Void space is an enclosed space in the cargo area external to a cargo tank, other than a hold space, ballast space, oil fuel tank, cargo pump-room, pump-room, or any space in normal use by personnel.

1.5 Surveys and certification

~~1.5.1.2 The recognized organization, referred to in regulation 8.2.1 of MARPOL Annex II shall comply with the guidelines adopted by IMO by resolution A.739(18), as may be amended by IMO, and the specification adopted by IMO by resolution A.789(19), as may be amended by IMO, provided that such amendments are adopted, brought into force and take effect in accordance with the provisions of article 16 of MARPOL and article VIII of SOLAS concerning the amendment procedures applicable to this Code.~~

1.5.1.2 The recognized organization referred to in 1.3.32 shall comply with the provisions of SOLAS and MARPOL and with parts 1 and 2 of the Code for Recognized Organizations (RO Code), as adopted by resolutions MSC.349(92) and MEPC.237(65), as may be amended.

1.5.6.5 If a ship, at the time when a Certificate expires, is not in a port in which it is to be surveyed, the Administration may extend the period of validity of the Certificate but this extension shall be granted only for the purpose of allowing the ship to complete its voyage to the port in which it is to be surveyed, and then only in cases where it appears proper and reasonable to do so. ~~No Certificate shall be extended for a period longer than 3 months, and a ship to which an extension is granted shall not, on its arrival in the port in which it is to be surveyed, be entitled by virtue of such extension to leave that port without having a new Certificate. When the renewal survey is completed, the new Certificate shall be valid to a date not exceeding 5 years from the date of expiry of the existing Certificate before the extension was granted.~~

Chapter 5 Cargo Transfer

5.1 Piping scantlings^①

5.1.2 The design pressure P in the formula for t_o in 5.1.1 is the maximum gauge pressure to which the system may be subjected in service, taking into account the highest set pressure on any relief valve on the system.

5.1.3 Piping and piping-system components which are not protected by a relief valve, or which may be isolated from their relief valve, shall be designed for at least the greatest of:

- .1 for piping systems or components, which may contain some liquid, the saturated vapour pressure at 45°C;
- .2 the pressure setting of the associated pump discharge relief valve;
- .3 the maximum possible total pressure head at the outlet of the associated pumps when a pump discharge relief valve is not installed.

^① Reference is made to the relevant requirements in the published Rules of the Members and Associate Members of the International Association of Classification Societies (IACS) and PART THREE of CCS Rules for Classification of Sea-Going Steel Ships.

Chapter 7 Cargo Temperature Control

7.1 General

- 7.1.5 Means shall be provided for measuring the cargo temperature.
- .1 The means for measuring the cargo temperature shall be of restricted or closed type, respectively, when a restricted or closed gauging device is required for individual substances, as shown in *column j* in the table of Chapter 17.
 - .2 A restricted temperature-measuring device is subject to the definition for a restricted gauging device in 13.1.1.2 (e.g. a portable thermometer lowered inside a gauge tube of the restricted type).
 - .3 A closed temperature-measuring device is subject to the definition for a closed gauging device in 13.1.1.3 (e.g. a remote-reading thermometer of which the sensor is installed in the tank).
 - .4 When overheating or overcooling could result in a dangerous condition, an alarm system which monitors the cargo temperature shall be provided. (See also operational requirements in 16.6.)

~~CCS7.1.5.d Independent tanks intended for the carriage of heated or cooled cargoes are to have not less than two measuring points, well separated within the centre 60% of the tank depth. Independent tanks intended for the carriage of heated or cooled cargoes are to have not less than two measuring points, one near the cargo tank bottom and the other within the center 60% of the cargo tank depth.~~

Chapter 8 Cargo Tank Venting and Gas-freeing Arrangements

8.2 Cargo tank venting

8.2.4 Tank venting systems shall be designed and operated so as to ensure that neither pressure nor vacuum created in the cargo tanks during loading or unloading exceeds tank design parameters.

The main factors to be considered in the sizing of a tank venting system are as follows:

- .1 design loading and unloading rate;
- .2 gas evolution during loading: this shall be taken account of by multiplying the maximum loading rate by a factor of at least 1.25;
- .3 density of the cargo vapour mixture;
- .4 pressure loss in vent piping and across valves and fittings; and
- .5 pressure/vacuum settings of relief devices.

Chapter 9 Environmental Control

9.1 General

9.1.3 Where inerting or padding of cargo tanks is required by this Code in column “h” of chapter 17:

- .1 An adequate supply of inert gas for use in filling and discharging the cargo tanks shall be carried or shall be manufactured on board unless a shore supply is available. In addition, sufficient inert gas shall be available on the ship to compensate for normal losses during transportation.
- .2 The inert gas system on board the ship shall be able to maintain a pressure of at least 0.007 MPa gauge within the containment system at all times. In addition, the inert gas system shall not raise the cargo tank pressure to more than the tank’s relief-valve setting.
- .3 Where padding is used, similar arrangements for supply of the padding medium shall be made as required for inert gas in 9.1.3.1 and 9.1.3.2.
- .4 Means shall be provided for monitoring ullage spaces containing a gas blanket to ensure that the correct atmosphere is being maintained.
- .5 Inerting or padding arrangements or both, where used with flammable cargoes, shall be such as to minimize the creation of static electricity during the admission of the inerting medium.

Chapter 15 Special Requirements

15.3 Carbon disulphide

15.3.7 If a cargo discharge pump is used, it shall be inserted through a cylindrical well extending from the tank top to a point near the tank bottom. A water pad shall be formed in this well before attempting pump removal unless the tank has been certified as gas-free.

Carriage under suitable inert gas pad

15.3.20 No other cargo handling, tank cleaning or deballasting shall take place concurrent with loading or discharge of carbon disulphide.

15.4 Diethyl ether

15.4.2 Pressure-relief-valve settings shall not be less than 0.02 MPa gauge for gravity tanks.

15.5 Hydrogen peroxide solutions

15.5.1 Hydrogen peroxide solutions over 60% but not over 70% by mass

~~15.5.1~~**15.5.1.1** Hydrogen peroxide solutions over 60% but not over 70% by mass shall be carried in dedicated ships only and no other cargoes shall be carried.

~~CCS 15.5.1a~~**CCS 15.5.1.1a** *The cargo is to be carried in tanks which are separate from the main hull structure, and which are free of internal supporting members and major structural irregularities.*

~~CCS 15.5.1b~~**CCS 15.5.1.1b** *All openings are to be in the top of the tank and extended above the freeboard deck.*

~~15.5.2~~**15.5.1.2** Cargo tanks and associated equipment shall be either pure aluminium (99.5%) or solid stainless steel (304L, 316, 316L or 316Ti), and passivated in accordance with approved procedures. Aluminium shall not be used for piping on deck. All non-metallic materials of construction for the containment system shall neither be attacked by hydrogen peroxide nor contribute to its decomposition.

~~CCS 15.5.2~~**CCS 15.5.1.2** *Full details of the passivation procedures are to be submitted for review.*

~~15.5.3~~**15.5.1.3** Pump-rooms shall not be used for cargo-transfer operations.

~~15.5.4~~**15.5.1.4** Cargo tanks shall be separated by cofferdams from oil fuel tanks or any other space containing flammable or combustible materials.

~~15.5.5~~**15.5.1.5** Tanks intended for the carriage of hydrogen peroxide shall not be used for seawater ballast.

~~15.5.6~~**15.5.1.6** Temperature sensors shall be installed at the top and bottom of the tank. Remote temperature readouts and continuous monitoring shall be located on the navigating bridge. If the temperature in the tanks rises above 35°C, visible and audible alarms shall be activated on the navigating bridge.

~~15.5.7~~**15.5.1.7** Fixed oxygen monitors (or gas-sampling lines) shall be provided in void spaces adjacent to tanks to detect leakage of the cargo into these spaces. Remote readouts, continuous monitoring (if gas-sampling lines are used, intermittent sampling is satisfactory) and visible and audible alarms similar to those for the temperature sensors shall also be located on the navigating bridge. The visible and audible alarms shall be activated if the oxygen concentration in these void spaces exceeds 30% by volume. Two portable oxygen monitors shall also be available as back-up systems.

~~CCS 15.5.7~~**CCS 15.5.1.7** *Since hydrogen peroxide is not a heated cargo, heating systems shall not, in general, be arranged within cargo tanks. Where heating systems are fitted, these are also to*

be provided with leakage detection arrangements.

~~15.5.8~~15.5.1.8 As a safeguard against uncontrolled decomposition, a cargo-jettisoning system shall be installed to discharge the cargo overboard. The cargo shall be jettisoned if the temperature rise of the cargo exceeds a rate of 2°C per hour over a 5-hour period or when the temperature in the tank exceeds 40°C.

~~15.5.9~~15.5.1.9 Cargo tank venting systems shall have pressure/vacuum-relief valves for normal controlled venting, and rupture discs or a similar device for emergency venting, should tank pressure rise rapidly as a result of uncontrolled decomposition. Rupture discs shall be sized on the basis of tank design pressure, tank size and anticipated decomposition rate.

~~CCS 15.5.9a~~CCS 15.5.1.9a *Methods for calculation and selection of rupture disc are to be submitted.*

~~CCS 15.5.9b~~CCS 15.5.1.9b *The rupture discs are to be protected against the weather and the adopted arrangements are not to impede dispersal of the vapour.*

~~15.5.10~~15.5.1.10 A fixed water-spray system shall be provided for diluting and washing away any concentrated hydrogen peroxide solution spilled on deck. The areas covered by the water-spray shall include the manifold/hose connections and the tank tops of those tanks designated for carrying hydrogen peroxide solutions. The minimum application rate shall satisfy the following criteria:

- .1 The product shall be diluted from the original concentration to 35% by mass within 5 min of the spill.
- .2 The rate and estimated size of the spill shall be based upon maximum anticipated loading and discharge rates, the time required to stop flow of cargo in the event of tank overflow or a piping/hose failure, and the time necessary to begin application of dilution water with actuation at the cargo control location or on the navigating bridge.

~~CCS 15.5.10a~~CCS 15.5.1.10a *Suitable transverse coamings are to be arranged on the tank deck at the ends of the cargo area designated for carrying hydrogen peroxide in order to confine any deck spills to the areas protected by water spray.*

~~CCS 15.5.10b~~CCS 15.5.1.10b *The maximum anticipated loading rates are to be submitted by the owner or shipbuilder to enable the rate and size of spills to be estimated.*

~~15.5.11~~—Deleted.

~~15.5.12~~15.5.1.11 Only those hydrogen peroxide solutions which have a maximum decomposition rate of 1% per year at 25°C shall be carried. Certification from the shipper that the product meets this standard shall be presented to the master and kept on board. A technical representative of the manufacturer shall be on board to monitor the transfer operations and have the capability to test the stability of the hydrogen peroxide. He shall certify to the master that the cargo has been loaded in a stable condition.

~~15.5.13~~15.5.1.12 Protective clothing that is resistant to hydrogen peroxide solutions shall be provided for each crew member involved in cargo-transfer operations. Protective clothing shall include nonflammable coveralls, suitable gloves, boots and eye protection.

15.5.2 Hydrogen peroxide solutions over 8% but not over 60% by mass

~~15.5.14~~15.5.2.1 The ship's shell plating shall not form any boundaries of tanks containing this product.

~~15.5.15~~15.5.2.2 Hydrogen peroxide shall be carried in tanks thoroughly and effectively cleaned of all traces of previous cargoes and their vapours or ballast. Procedures for inspection, cleaning, passivation and loading of tanks shall be in accordance with MSC/Circ.394. A certificate shall be on board the vessel indicating that the procedures in the circular have been followed. The passivation requirement may be waived by CCS for domestic shipments of short duration. Particular care in this respect is essential to ensure the safe carriage of hydrogen peroxide:

- .1 When hydrogen peroxide is carried no other cargoes shall be carried simultaneously.

- .2 Tanks which have contained hydrogen peroxide may be used for other cargoes after cleaning in accordance with the procedures outlined in MSC/Circ.394.
- .3 Consideration in design shall provide minimum internal tank structure, free draining, no entrapment and ease of visual inspection.

~~15.5.16~~15.5.2.3 Cargo tanks and associated equipment shall be either pure aluminium (99.5%) or solid stainless steel of types suitable for use with hydrogen peroxide (e.g. 304, 304L, 316, 316L, 316Ti). Aluminium shall not be used for piping on deck. All nonmetallic materials of construction for the containment system shall neither be attacked by hydrogen peroxide nor contribute to its decomposition.

~~CCS 15.5.16~~CCS 15.5.2.3 *Full details of the passivation procedures are to be submitted for review.*

~~15.5.17~~15.5.2.4 Cargo tanks shall be separated by a cofferdam from fuel oil tanks or any other space containing materials incompatible with hydrogen peroxide.

~~15.5.18~~15.5.2.5 Temperature sensors shall be installed at the top and bottom of the tank. Remote temperature readouts and continuous monitoring shall be located on the navigating bridge. If the temperature in the tank rises above 35 °C, visible and audible alarms shall activate on the navigating bridge.

~~15.5.19~~15.5.2.6 Fixed oxygen monitors (or gas-sampling lines) shall be provided in void spaces adjacent to tanks to detect leakage of the cargo into these spaces. The enhancement of flammability by oxygen enrichment shall be recognized. Remote readouts, continuous monitoring (if gas-sampling lines are used, intermittent sampling is satisfactory) and visible and audible alarms similar to those for the temperature sensors shall also be located on the navigating bridge. The visible and audible alarms shall activate if the oxygen concentration in these void spaces exceeds 30% by volume. Two portable oxygen monitors shall also be available as back-up systems.

~~CCS 15.5.19~~CCS 15.5.2.6 *Since hydrogen peroxide is not a heated cargo, heating systems shall not, in general, be arranged within cargo tanks. Where heating systems are fitted, these are also to be provided with leakage detection arrangements.*

~~15.5.20~~15.5.2.7 As a safeguard against uncontrolled decomposition, a cargo-jettisoning system shall be installed to discharge the cargo overboard. The cargo shall be jettisoned if the temperature rise of the cargo exceeds a rate of 2°C per hour over a 5-hour period or when the temperature in the tank exceeds 40°C.

~~15.5.21~~15.5.2.8 Cargo tank venting systems with filtration shall have pressure/vacuum-relief valves for normal controlled venting, and a device for emergency venting, should tank pressure rise rapidly as a result of an uncontrolled decomposition rate, as stipulated in ~~15.5.20~~15.5.2.7. These venting systems shall be designed in such a manner that there is no introduction of seawater into the cargo tank even under heavy sea conditions. Emergency venting shall be sized on the basis of tank design pressure and tank size.

~~CCS 15.5.21~~CCS 15.5.2.8 *Emergency venting arrangements and calculations are to be submitted for review.*

~~15.5.22~~15.5.2.9 A fixed water-spray system shall be provided for diluting and washing away any concentrated solution spilled on deck. The areas covered by the water-spray shall include the manifold/hose connections and the tank tops of those tanks designated for the carriage of hydrogen peroxide solutions. The minimum application rate shall satisfy the following criteria:

- .1 The product shall be diluted from the original concentration to 35% by mass within 5 min of the spill.
- .2 The rate and estimated size of the spill shall be based upon maximum anticipated loading and discharge rates, the time required to stop flow of the cargo in the event of tank overflow or a piping/hose failure, and the time necessary to begin application of dilution water with actuation at the cargo control location or on the navigating bridge.

~~CCS15.5.22a~~CCS15.5.2.9a Suitable transverse coamings are to be arranged on the tank deck at the ends of the cargo area designated for carrying hydrogen peroxide in order to confine any deck spills to the areas protected by water spray.

~~CCS15.5.22b~~CCS15.5.2.9b The maximum anticipated loading rates are to be submitted by the owner or shipbuilder to enable the rate and size of spills to be estimated.

~~15.5.23~~ Deleted.

~~15.5.24~~15.5.2.10 Only those hydrogen peroxide solutions which have a maximum decomposition rate of 1% per year at 25°C shall be carried. Certification from the shipper that the product meets this standard shall be presented to the master and kept on board. A technical representative of the manufacturer shall be on board to monitor the transfer operations and have the capability to test the stability of the hydrogen peroxide. He shall certify to the master that the cargo has been loaded in a stable condition.

~~15.5.25~~15.5.2.11 Protective clothing that is resistant to hydrogen peroxide shall be provided for each crew member involved in cargo-transfer operations. Protective clothing shall include coveralls that are nonflammable, suitable gloves, boots and eye protection.

~~15.5.26~~15.5.2.12 During transfer of hydrogen peroxide the related piping system shall be separated from all other systems. Cargo hoses used for transfer of hydrogen peroxide shall be marked "FOR HYDROGEN PEROXIDE TRANSFER ONLY".

~~15.5.27~~15.5.3 **Procedures for inspection, cleaning, passivation and loading of tanks for the carriage of hydrogen peroxide solutions 8-60%, which have contained other cargoes, or for the carriage of other cargoes after the carriage of hydrogen peroxide**

~~15.5.27.1~~15.5.3.1 Tanks having contained cargoes other than hydrogen peroxide shall be inspected, cleaned and passivated before re-use for the transport of hydrogen peroxide solutions. The procedures for inspection and cleaning, as given in paragraphs ~~15.5.27.2~~15.5.3.2 to ~~15.5.27.8~~15.5.3.8 below, apply to both stainless steel and pure aluminium tanks (see paragraph ~~15.5.15~~15.5.2.2). Procedures for passivation are given in paragraph ~~15.5.27.9~~15.5.3.9 for stainless steel and ~~15.5.27.10~~15.5.3.10 for aluminium. Unless otherwise specified, all steps apply to the tanks and to all associated equipment having been in contact with the other cargo.

~~15.5.27.2~~15.5.3.2 After unloading the previous cargo the tank shall be rendered safe and inspected for any residues, scale and rust.

~~15.5.27.3~~15.5.3.3 Tanks and associated equipment shall be washed with clean filtered water. The water to be used shall at least have the quality of potable water with a low chlorine content.

~~15.5.27.4~~15.5.3.4 Trace residues and vapours of the previous cargo shall be removed by steaming of tank and equipment.

~~15.5.27.5~~15.5.3.5 Tank and equipment are washed again with clean water (quality as above) and dried, using filtered, oil-free air.

~~15.5.27.6~~15.5.3.6 The atmosphere in the tank shall be sampled and investigated for the presence of organic vapours and oxygen concentration.

~~15.5.27.7~~15.5.3.7 The tank shall be checked again by visual inspection for residues of the previous cargo, scale and rust as well as for any smell of the previous cargo.

~~15.5.27.8~~15.5.3.8 If inspection or measurements indicate the presence of residues of the previous cargo or its vapours, actions described in paragraphs ~~15.5.27.3~~15.5.3.3 to ~~15.5.27.5~~15.5.3.5 shall be repeated.

~~15.5.27.9~~15.5.3.9 Tank and equipment made from stainless steel which have contained other cargoes than hydrogen peroxide or which have been under repair shall be cleaned and passivated, regardless of any previous passivation, according to the following procedure:

- .1 New welds and other repaired parts shall be cleaned and finished using stainless steel wire brush, chisel, sandpaper or buff. Rough surfaces shall be given a smooth finish. A final polishing is necessary.
- .2 Fatty and oily residues shall be removed by the use of appropriate organic solvents or detergent solutions in water. The use of chlorine-containing compounds shall be avoided as they can seriously interfere with passivation.
- .3 The residues of the degreasing agent shall be removed, followed by a washing with water.
- .4 In the next step, scale and rust shall be removed by the application of acid (e.g. a mixture of nitric and hydrofluoric acids), followed again by a washing with clean

water.

- .5 All the metal surfaces which can come into contact with hydrogen peroxide shall be passivated by the application of nitric acid of a concentration between 10 and 35% by mass. The nitric acid must be free from heavy metals, other oxidizing agents or hydrogen fluoride. The passivation process shall continue for 8 to 24 h, depending upon the concentration of acid, the ambient temperature and other factors. During this time a continuous contact between the surfaces to be passivated and the nitric acid shall be ensured. In the case of large surfaces this may be achieved by recirculating the acid. Hydrogen gas may be evolved in the passivation process, leading to the presence of an explosive atmosphere in the tanks. Therefore, appropriate measures must be taken to avoid the build-up or the ignition of such an atmosphere.
- .6 After passivation the surfaces shall be thoroughly washed with clean filtered **fresh** water. The washing process shall be repeated until the effluent water has the same pH value as the incoming water.
- .7 Surfaces treated according to the above steps may cause some decomposition when coming into contact with hydrogen peroxide for the first time. This decomposition will cease after a short time (usually within two or three days). Therefore an additional flushing with hydrogen peroxide for a period of at least two days is recommended.
- .8 Only degreasing agents and acid cleaning agents which have been recommended for this purpose by the manufacturer of the hydrogen peroxide shall be used in the process.

CCS15.5.3.9.1a Chisel, sandpaper or buff used to finish new welds and other repaired parts shall be iron free.

~~15.5.27.10~~15.5.3.10 Tanks and equipment made from aluminium and which have contained cargoes other than hydrogen peroxide, or which have been under repair, shall be cleaned and passivated. The following is an example of a recommended procedure:

- .1 The tank shall be washed with a solution of a sulphonated detergent in hot water, followed by a washing with water.
- .2 The surface shall then be treated for 15 to 20 min with a solution of sodium hydroxide of a concentration of 7% by mass or treated for a longer period with a less concentrated solution (e.g. for 12 h with 0.4 to 0.5% sodium hydroxide). To prevent excessive corrosion at the bottom of the tank when treating with more concentrated solutions of sodium hydroxide, water shall be added continuously to dilute the sodium hydroxide solution which collects there.
- .3 The tank shall be thoroughly washed with clean, filtered water. As soon as possible after washing, the surface shall be passivated by the application of nitric acid of a concentration between 30 and 35% by mass. The passivation process shall continue for 16 to 24 h. During this time a continuous contact between the surfaces to be passivated and the nitric acid shall be ensured.
- .4 After passivation the surfaces shall be thoroughly washed with clean, filtered water. The washing process shall be repeated until the effluent water has the same pH value as the incoming water.
- .5 A visual inspection shall be made to ensure that all surfaces have been treated. It is recommended that an additional flushing is carried out for a minimum of 24 h with dilute hydrogen peroxide solution of a concentration approximately 3% by mass.

~~15.5.27.11~~15.5.3.11 The concentration and stability of the hydrogen peroxide solution to be loaded shall be determined.

~~15.5.27.12~~15.5.3.12 The hydrogen peroxide is loaded under intermittent visual supervision of the interior of the tank from an appropriate opening.

~~15.5.27.13~~15.5.3.13 If substantial bubbling is observed which does not disappear within 15 min after the completion of loading, the contents of the tank shall be unloaded and disposed of in an environmentally safe manner. The tank and equipment shall then be repassivated as described above.

~~15.5.27.14~~15.5.3.14 The concentration and stability of the hydrogen peroxide solution shall be determined again. If the same values are obtained within the limits of error as in paragraph ~~15.5.27.10~~15.5.3.10, the tank is considered to be properly passivated and the cargo ready for shipment.

~~15.5.27.15~~15.5.3.15 Actions described in paragraphs ~~15.5.27.21~~15.5.3.2 to ~~15.5.27.8~~15.5.3.8 shall

be carried out under the supervision of the master or shipper. Actions described in paragraphs ~~15.5.27.9~~15.5.3.9 to ~~15.5.27.15~~15.5.3.15 shall be carried out under the on-site supervision and responsibility of a representative of the hydrogen peroxide manufacturer or under supervision and responsibility of another person familiar with the safety-relevant properties of hydrogen peroxide.

~~15.5.27.16~~15.5.3.16 The following procedure shall be applied when tanks having contained hydrogen peroxide solution are to be used for other products (unless otherwise specified, all steps apply to the tanks and to all associated equipment having been in contact with hydrogen peroxide):

- .1 Hydrogen peroxide cargo residue shall be drained as completely as possible from tanks and equipment.
- .2 Tanks and equipment shall be rinsed with clean water, and subsequently thoroughly washed with clean water.
- .3 The interior of the tank shall be dried and inspected for any residues.

Steps .1 to .3, in ~~15.5.27.16~~15.5.3.16, shall be carried out under the supervision of the master or the shipper. Step .3 in paragraph ~~15.5.27.16~~15.5.3.16 shall be carried out by a person familiar with the safety-relevant properties of the chemical to be transported and of hydrogen peroxide.

SPECIAL CAUTIONS:

- 1 Hydrogen peroxide decomposition may enrich the atmosphere with oxygen and appropriate precautions shall be observed.
- 2 Hydrogen gas may be evolved in the passivation processes described in paragraphs ~~15.5.27.9.5~~15.5.3.9.5, ~~15.5.27.10.2~~15.5.3.10.2 and ~~15.5.27.10.4~~15.5.3.10.4, leading to the presence of an explosive atmosphere in the tank. Therefore, appropriate measures must be taken to avoid the build-up or the ignition of such an atmosphere.

15.8 Propylene oxide and mixtures of ethylene oxide/propylene oxide with an ethylene oxide content of not more than 30% by mass

15.8.24 Pressure-relief-valve settings shall not be less than 0.02 MPa gauge and for pressure tanks not greater than 0.7 MPa gauge for the carriage of propylene oxide and not greater than 0.53 MPa gauge for the carriage of propylene oxide/ethylene oxide mixtures.

15.8.25.1 The piping system for tanks to be loaded with these products shall be separated (as defined in 3.1.4) from piping systems for all other tanks, including empty tanks. If the piping system for the tanks to be loaded is not independent (as defined in ~~1.3.17~~1.3.19), the required piping separation shall be accomplished by the removal of spool-pieces, valves, or other pipe section and the installation of blank flanges at these locations. The required separation applies to all liquid and vapour piping, liquid and vapour vent lines and any other possible connections, such as common inert-gas supply lines.

15.8.25.2 These products may be transported only in accordance with cargo-handling plans that have been approved by CCS. Each intended loading arrangement shall be shown on a separate cargo-handling plan. Cargo-handling plans shall show the entire cargo piping system and the locations for installation of blank flanges needed to meet the above piping separation requirements. A copy of each approved cargo-handling plan shall be maintained on board the ship. The International Certificate of Fitness for the Carriage of Dangerous Chemicals in Bulk shall be endorsed to include reference to the approved cargo-handling plans.

15.12 Toxic products

15.12.1 Exhaust openings of tank vent systems shall be located:

- .1 at a height of B/3 or 6 m, whichever is greater, above the weather deck or, in the case of a deck tank, the access gangway;
- .2 not less than 6 m above the fore-and-aft gangway, if fitted within 6 m of the gangway;
- .3 15 m from any opening or air intake to any accommodation and service spaces; and
- .4 the vent height may be reduced to 3 m above the deck or fore-and-aft gangway, as applicable, provided high-velocity vent valves of an approved type, directing the vapour/air mixture upwards in an unimpeded jet with an exit velocity of at least 30 m/s, are fitted.

15.12.4 Cargo tank relief-valve settings shall be a minimum of 0.02 MPa gauge.

15.13 Cargoes protected by additives

15.13.5 When a product containing an oxygen-dependent inhibitor is to be carried:

- .1 in a ship for which inerting is required under SOLAS regulation II-2/4.5.5, as amended, the application of inert gas shall not take place before loading or during the voyage, but shall be applied before commencement of unloading;
- .2 in a ship to which SOLAS regulation II-2/4.5.5, as amended, does not apply, the product may be carried without inertion (in tanks of a size not greater than 3,000 m³). If inertion is to be applied on such a ship, then the application of inert gas shall not take place before loading or during the voyage, but shall be applied before commencement of unloading.

CCS15.13.5 When a product containing an oxygen-dependent inhibitor is carried on a ship for which inerting is required under SOLAS chapter II-2, the inert gas system shall be operated as required to maintain the oxygen level in the vapour space of the tank at or above the minimum level of oxygen required under paragraph 15.13 of the IBC Code and as specified in the Certificate of Protection.

~~**15.15 Cargoes with low ignition temperature and wide flammability range (Deleted)**~~

15.15 Hydrogen sulphide (H₂S) detection equipment for bulk liquids

15.15.1 Hydrogen sulphide (H₂S) detection equipment shall be provided on board ships carrying bulk liquids prone to H₂S formation. It should be noted that scavengers and biocides, when used, may not be 100% effective in controlling the formation of H₂S. Toxic vapour detection instruments complying with the requirement in 13.2.1 of the Code for testing for H₂S may be used to satisfy this requirement.

Chapter 16 Operational Requirements

16.2 Cargo information

~~16.2.7 Deleted.~~

16.2.7 Where *column o* in the table of chapter 17 refers to this paragraph, the cargo is subject to the prewash requirements in regulation 13.7.1.4 of Annex II of MARPOL.

Chapter 17 Summary of minimum requirements

The complete text of chapter 17 is replaced by the following:

17.1 Mixtures of noxious liquid substances presenting pollution hazards only, and which are assessed or provisionally assessed under regulation 6.3 of MARPOL Annex II, may be carried under the requirements of the Code applicable to the appropriate position of the entry in this chapter for Noxious Liquid Substances, not otherwise specified (n.o.s.).

17.2 EXPLANATORY NOTES

<u>Product name</u> <u>(column a)</u>	<u>The product name shall be used in the shipping document for any cargo offered for bulk shipments. Any additional name may be included in brackets after the product name. In some cases, the product names are not identical with the names given in previous issues of the Code.</u>
<u>UN Number</u> <u>(column b)</u>	<u>Deleted</u>
<u>Pollution Category</u> <u>(column c)</u>	<u>The letter X, Y, Z means the Pollution Category assigned to each product under MARPOL Annex II</u>
<u>Hazards</u> <u>(column d)</u>	<u>“S” means that the product is included in the Code because of its safety hazards; “P” means that the product is included in the Code because of its pollution hazards; and “S/P” means that the product is included in the Code because of both its safety and pollution hazards.</u>
<u>Ship type</u> <u>(column e)</u>	<u>1: ship type 1 (2.1.2.1)</u> <u>2: ship type 2 (2.1.2.2)</u> <u>3: ship type 3 (2.1.2.3)</u>
<u>Tank type</u> <u>(column f)</u>	<u>1: independent tank (4.1.1)</u> <u>2: integral tank (4.1.2)</u> <u>G: gravity tank (4.1.3)</u> <u>P: pressure tank (4.1.4)</u>
<u>Tank vents</u> <u>(column g)</u>	<u>Cont.: controlled venting</u> <u>Open: open venting</u>
<u>Tank environmental control</u> <u>(column h)</u>	<u>Inert: inerting (9.1.2.1)</u> <u>Pad: liquid or gas padding (9.1.2.2)</u> <u>Dry: drying (9.1.2.3)</u> <u>Vent: natural or forced ventilation (9.1.2.4)</u> <u>No: no special requirements under this Code (inerting may be required under SOLAS)</u>
<u>Electrical equipment</u> <u>(column i)</u>	<u>Temperature classes (i’) T1 to T6</u> <u>- indicates no requirements</u> <u>blank no information</u> <u>Apparatus group (i’’) IIA, IIB or IIC:</u> <u>- indicates no requirements</u> <u>blank no information</u> <u>Flash point (i’’) Yes: flashpoint exceeding 60°C (10.1.6)</u> <u>No: flashpoint not exceeding 60°C (10.1.6)</u> <u>NF: nonflammable product (10.1.6)</u>
<u>Gauging</u> <u>(column j)</u>	<u>O: open gauging (13.1.1.1)</u> <u>R: restricted gauging (13.1.1.2)</u> <u>C: closed gauging (13.1.1.3)</u>
<u>Vapour detection</u> <u>(column k)</u>	<u>F: flammable vapours</u> <u>T: toxic vapours</u> <u>No: indicates no special requirements under this Code</u>
<u>Fire protection</u> <u>(column l)</u>	<u>A: alcohol-resistant foam or multi-purpose foam</u> <u>B: regular foam; encompasses all foams that are not of an alcohol-resistant type, including fluoro-protein and aqueous-film-forming foam (AFFF)</u> <u>C: water-spray</u>

<u>Materials of construction</u> <i>(column m)</i>	<u>D: dry chemical</u> <u>No: no special requirements under this Code</u> <u>Deleted</u>
<u>Emergency equipment</u> <i>(column n)</i>	<u>Yes: see 14.3.1</u> <u>No: no special requirements under this Code</u>
<u>Specific and operational requirements</u> <i>(column o)</i>	<u>When specific reference is made to chapters 15 and/or 16, these requirements shall be additional to the requirements in any other column.</u>

CCS17a The English product name in the list is to prevail in case of a dispute of the Chinese version of the product name.

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
1	乙酸 <u>Acetic acid</u>	Z	S/P	3	2G	Cont	No	T1	IIA	No	C	F	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19, 16.2.9
2	乙酸酐 <u>Acetic anhydride</u>	Z	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.19.6
3	乙草胺 <u>Acetochlor</u>	X	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
4	丙酮氰醇 <u>Acetone cyanohydrin</u>	Y	S/P	1	1G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2, 16.6.3
5	乙腈 <u>Acetonitrile</u>	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
6	乙腈（低纯度） <u>Acetonitrile (Low purity grade)</u>	Y	S/P	3	2G	Cont	No	T1	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
7	从大豆油、玉米油及葵花籽油精炼的酸性油混合物 <u>Acid oil mixture from soya bean, corn (maize) and sunflower oil refining</u>	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
8	丙烯酰胺溶液（50%或以下） <u>Acrylamide solution (50% or less)</u>	Y	S/P	3	2G	Cont	No			NF	C	T	No	No	15.12, 15.13, 15.17, 15.19, 16.2.9, 16.6.1
9	丙烯酸 <u>Acrylic acid</u>	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.13, 15.17, 15.19, 16.2.9, 16.6.1
10	具有膦酸基团的丙烯酸/乙烯磺酸共聚物，钠盐溶液 <u>Acrylic acid/ethenesulphonic acid copolymer with phosphonate groups, sodium salt solution</u>	Z	P	3	2G	Open	No			Yes	O	No	ABC	No	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
11	<u>丙烯腈</u> <u>Acrylonitrile</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.13, 15.17, 15.19</u>
12	<u>聚醚多元醇分散体中的丙烯腈-苯乙烯共聚物</u> <u>Acrylonitrile-Styrene copolymer dispersion in polyether polyol</u>	<u>Y</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6</u>
13	<u>己二腈</u> <u>Adiponitrile</u>	<u>Z</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
14	<u>甲草胺（90%或以上）</u> <u>Alachlor technical (90% or more)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6, 16.2.9</u>
15	<u>聚（2.5-9）乙氧化醇（C9-C11）</u> <u>Alcohol (C9-C11) poly (2.5-9) ethoxylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
16	<u>聚（3-6）乙氧化醇（C6-C17）</u> <u>Alcohol (C6-C17) (secondary) poly(3-6) ethoxylates</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
17	<u>聚（7-12）乙氧化醇（C6-C17）</u> <u>Alcohol (C6-C17) (secondary) poly(7-12) ethoxylates</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.6, 16.2.9</u>
18	<u>聚（7）乙氧化醇（C10-C18）</u> <u>Alcohol (C10-C18) poly(7) ethoxylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
19	<u>聚（1-6）乙氧化醇（C12-C16）</u> <u>Alcohol (C12-C16) poly(1-6) ethoxylates</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
20	<u>聚（20+）乙氧化醇（C12-C16）</u> <u>Alcohol (C12-C16) poly(20+) ethoxylates</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
21	<u>聚（7-19）乙氧化醇（C12-C16）</u> <u>Alcohol (C12-C16) poly(7-19) ethoxylates</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
22	<u>醇类（C13+）</u> <u>Alcohols (C13+)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
23	<u>醇类 (C12+), 伯, 直链</u> <u>Alcohols (C12+), primary, linear</u>	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
24	<u>醇类 (C8-C11), 伯, 直链和主要直链</u> <u>Alcohols (C8-C11), primary, linear and essentially linear</u>	Y	S/P	2	2G	Cont	No	:	:	Yes	R	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
25	<u>醇类 (C12-C13), 伯, 直链和主要直链</u> <u>Alcohols (C12-C13), primary, linear and essentially linear</u>	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
26	<u>醇类 (C14-C18), 伯, 直链和主要直链</u> <u>Alcohols (C14-C18), primary, linear and essentially linear</u>	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6</u>
27	<u>烷烃类 (C6-C9)</u> <u>Alkanes (C6-C9)</u>	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	<u>15.12, 15.17, 15.19.6</u>
28	<u>异烷烃类和环烷烃类 (C10-C11)</u> <u>Iso- and cyclo-alkanes (C10-C11)</u>	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	<u>15.19.6</u>
29	<u>异烷烃类和环烷烃类 (C12+)</u> <u>Iso- and cyclo-alkanes (C12+)</u>	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	<u>15.19.6</u>
30	<u>正烷烃类 (C9-C11)</u> <u>n-Alkanes (C9-C11)</u>	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	<u>15.19.6</u>
31	<u>正烷烃类 (C10-C20)</u> <u>n-Alkanes (C10-C20)</u>	Y	P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
32	<u>烷基聚醚 (C9-C20)</u> <u>Alkaryl polyethers (C9-C20)</u>	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	<u>15.12, 15.17, 15.19, 16.2.6</u>
33	<u>链烯酸硼酸化聚羟基酯</u> <u>Alkenoic acid, polyhydroxy ester borated</u>	Y	S/P	2	2G	Cont	No	:	:	Yes	R	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6</u>
34	<u>烷基 (C11+) 胺</u> <u>Alkenyl (C11+) amide</u>	X	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
35	烯基 (C16-C20) 琥珀酸酐 Alkenyl (C16-C20) succinic anhydride	Z	S/P	3	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
36	甲苯中的烷基丙烯酸酯-乙烯基吡啶共聚物 Alkyl acrylate/vinylpyridine copolymer in toluene	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6, 16.2.9
37	烷基磷酸酯混合物 (二苯甲苯基磷酸酯 40%以上, 邻位异构物 0.02%以下) Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)	X	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6
38	烷基化 (C4-C9) 受阻酚 Alkylated (C4-C9) hindered phenols	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
39	烷基苯、烷基二氢茚、烷基茚混合物 (各 C12-C17) Alkylbenzene, alkylindane, alkylindene mixture (each C12-C17)	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
40	烷基苯蒸馏物 Alkylbenzene distillation bottoms	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6
41	烷基苯混合物 (含油至少 50%的甲苯) Alkylbenzene mixtures (containing at least 50% of toluene)	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6
42	烷基苯混合物 (含萘) Alkylbenzenes mixtures (containing naphthalene)	X	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	15.12, 15.17, 15.19.6
43	烷基 (C3-C4) 苯 Alkyl (C3-C4) benzenes	Y	S/P	2	2G	Cont	No	T1	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
44	烷基 (C5-C8) 苯 Alkyl (C5-C8) benzenes	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
45	烷基 (C9+) 苯 Alkyl (C9+) benzenes	Y	S/P	3	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6
46	烷基 (C11-C17) 苯磺酸 Alkyl (C11-C17) benzene sulphonic acid	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
47	烷基苯磺酸, 钠盐溶液 Alkylbenzene sulphonic acid, sodium salt solution	Y	S/P	2	2G	Cont	No	:	:	NF	C	T	No	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
48	烷基/环 (C4-C5) 醇类 Alkyl/cyclo (C4-C5) alcohols	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
49	烷基 (C10-C15, 富含 C12) 苯酚聚 (4-12) 硬脂酸 Alkyl (C10-C15, C12 rich) phenol poly (4-12) ethoxylate	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
50	烷基 (C12+) 二甲胺 Alkyl (C12+) dimethylamine	X	S/P	1	2G	Cont	No	:	:	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
51	烷基二硫代氨基甲酸酯 (C19-C35) Alkyl dithiocarbamate (C19-C35)	Y	P	3	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
52	烷基二硫代噻二唑 (C6-C24) Alkyldithiothiadiazole (C6-C24)	Y	P	3	2G	Open	No	:	:	Yes	O	No	AC	No	15.19.6, 16.2.6
53	烷基酯共聚物 (C4-C20) Alkyl ester copolymer (C4-C20)	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
54	烷基 (C7-C9) 硝酸酯 Alkyl (C7-C9) nitrates	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 15.20, 16.6.1, 16.6.2, 16.6.3
55	烷基 (C8-C10) / (C12-C14) : (40%或以下/60%或以上) 聚葡萄糖溶液 (55%或以下) Alkyl (C8-C10)/(C12-C14):(40% or less/60% or more) polyglucoside solution (55% or less)	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
56	烷基 (C8-C10) / (C12-C14) : (60%或以上/40%或以下) 聚葡萄糖溶液 (55%或以下) Alkyl (C8-C10)/(C12-C14):(60% or more/40% or less) polyglucoside solution (55% or less)	Y	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
57	烷基 (C7-C11) 苯酚聚 (4-12) 硬脂酸 Alkyl(C7-C11)phenol poly(4-12) ethoxylate	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
58	硫化烷基（C8-C40）苯酚 Alkyl (C8-C40) phenol sulphide	Z	S/P	3	2G	Open	No			Yes	O	No	ABC	No	
59	芳烃溶剂中的烷基（C8-C9）苯胺 Alkyl (C8-C9) phenylamine in aromatic solvents	Y	S/P	2	2G	Cont	No	T1	IIB	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
60	烷基（C9-C15）苯基丙氧基化物 Alkyl (C9-C15) phenyl propoxylate	Z	S/P	3	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
61	烷基（C8-C10）聚葡萄糖苷溶液（65%或以下） Alkyl (C8-C10) polyglucoside solution (65% or less)	Y	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
62	烷基（C8-C10）/（C12-C14）：（50%/50%）聚葡萄糖苷溶液（55%或以下） Alkyl (C8-C10)/(C12-C14):(50%/50%) polyglucoside solution (55% or less)	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
63	烷基（C12-C14）聚葡萄糖苷溶液（55%或以下） Alkyl (C12-C14) polyglucoside solution (55% or less)	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
64	烷基（C12-C16）丙氧基胺乙氧基化物 Alkyl (C12-C16) propoxyamine ethoxylate	X	S/P	2	2G	Cont	No	=	=	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6
65	烷基（C10-C20，饱和及不饱和）亚磷酸酯 Alkyl (C10-C20, saturated and unsaturated) phosphite	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
66	酚的烷基磺酸酯 Alkyl sulphonic acid ester of phenol	Y	P	3	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
67	烷基（C18+）甲苯 Alkyl (C18+) toluenes	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.9
68	烷基（C18-C28）甲苯磺酸 Alkyl (C18-C28) toluenesulphonic acid	Y	S/P	2	2G	Cont	No	=	=	Yes	C	T	ABC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19, 16.2.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
69	<u>烷基 (C18-C28) 甲苯磺酸, 钙盐, 硼酸化的</u> <u>Alkyl (C18-C28) toluenesulphonic acid, calcium salts, borated</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6</u>
70	<u>烷基 (C18-C28) 甲苯磺酸, 钙盐, 低酸</u> <u>Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6</u>
71	<u>烷基 (C18-C28) 甲苯磺酸, 钙盐, 高酸</u> <u>Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6</u>
72	<u>丙烯醇</u> <u>Allyl alcohol</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
73	<u>丙烯基氯</u> <u>Allyl chloride</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19</u>
74	<u>氯化铝/盐酸溶液</u> <u>Aluminium chloride/Hydrogen chloride solution</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.11, 15.12, 15.17, 15.19</u>
75	<u>氢氧化铝、氢氧化钠, 碳酸钠溶液 (40%或以下)</u> <u>Aluminium hydroxide, sodium hydroxide, sodium carbonate solution (40% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
76	<u>硫酸铝溶液</u> <u>Aluminium sulphate solution</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
77	<u>2-(2-氨基乙氧基) 乙醇</u> <u>2-(2-Aminoethoxy) ethanol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AD</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
78	<u>氨基二乙醇胺/氨基乙醇胺溶液</u> <u>Aminoethyldiethanolamine/Aminoethylethanolamine solution</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
79	<u>氨基乙醇胺</u> <u>Aminoethyl ethanolamine</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
80	<u>N-氨基乙哌嗪</u> <u>N-Aminoethylpiperazine</u>	Z	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	<u>15.12, 15.17, 15.19</u>
81	<u>2-氨基-2-甲基-1-丙醇</u> <u>2-Amino-2-methyl-1-propanol</u>	Z	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	<u>15.12, 15.17, 15.19</u>
82	<u>氨水（28%或以下）</u> <u>Ammonia aqueous (28% or less)</u>	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	<u>15.12, 15.17, 15.19</u>
83	<u>氯化铵溶液（25%以下）（*）</u> <u>Ammonium chloride solution (less than 25%) (*)</u>	Z	S/P	3	2G	Open	No	=	=	NF	O	No	No	No	
84	<u>磷酸氢铵溶液</u> <u>Ammonium hydrogen phosphate solution</u>	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
85	<u>木质素磺酸铵溶液</u> <u>Ammonium lignosulphonate solutions</u>	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	<u>16.2.9</u>
86	<u>硝酸铵溶液（93%或以下）（*）</u> <u>Ammonium nitrate solution (93% or less) (*)</u>	Z	S/P	2	1G	Cont	No			NF	R	T	No	No	<u>15.2, 15.11.4, 15.11.6,</u> <u>15.12.3, 15.12.4, 15.18,</u> <u>15.19.6, 16.2.9</u>
87	<u>多磷酸铵溶液</u> <u>Ammonium polyphosphate solution</u>	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	
88	<u>硫酸铵溶液</u> <u>Ammonium sulphate solution</u>	Z	P	3	2G	Open	No			NF	O	No	No	No	
89	<u>硫酸铵溶液（45%或以下）（*）</u> <u>Ammonium sulphide solution (45% or less) (*)</u>	Y	S/P	2	2G	Cont	Inert	T4	IIB	No	C	ET	AC	No	<u>15.12, 15.17, 15.19, 16.6.1,</u> <u>16.6.2, 16.6.3</u>
90	<u>硫代硫酸铵溶液（60%或以下）</u> <u>Ammonium thiosulphate solution (60% or less)</u>	Z	S/P	3	2G	Open	No			NF	O	No	No	No	
91	<u>乙酸戊酯（所有异构体）</u> <u>Amyl acetate (all isomers)</u>	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	F	ABC	No	<u>15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
92	正戊醇 n-Amyl alcohol	Z	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	Yes	15.12, 15.17, 15.19
93	戊醇, 伯 Amyl alcohol, primary	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
94	仲戊醇 sec-Amyl alcohol	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
95	叔戊醇 tert-Amyl alcohol	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
96	叔戊基乙基醚 tert-Amyl ethyl ether	Z	P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
97	叔戊基甲基醚 tert-Amyl methyl ether	X	S/P	2	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
98	苯胺 Aniline	Y	S/P	2	2G	Cont	No	T1	IIA	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
99	芳基聚烯烃 (C11-C50) Aryl polyolefins (C11-C50)	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
100	航空烃化汽油 (C8 链烷烃和异链烷烃沸点 95-120°C) Aviation alkylates (C8 paraffins and iso-paraffins BPT 95-120°C)	X	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
101	长链 (C11-C50) 烷芳基磺酸钡 Barium long chain (C11-C50) alkaryl sulphonate	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.9
102	苯和含苯 10%或以上的混合物 (i) Benzene and mixtures having 10% benzene or more (i)	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6, 16.2.9
103	苯磺酰氯 Benzene sulphonyl chloride	Y	S/P	3	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
104	苯三羧酸, 三辛基酯 Benzenetricarboxylic acid, trioctyl ester	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
105	乙酸苄酯 Benzyl acetate	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
106	苯甲醇 Benzyl alcohol	Y	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
107	苄基氯 Benzyl chloride	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	ABC	Yes	15.12, 15.13, 15.17, 15.19
108	柴油/汽油和脂肪酸甲酯的生物燃料混合物 (按体积>25%但<99%) Bio-fuel blends of Diesel/gas oil and FAME (>25% but <99% by volume)	X	S/P	2	2G	Cont	No	:	:	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6
109	柴油/汽油和植物油的生物燃料混合物 (按体积>25%但<99%) Bio-fuel blends of Diesel/gas oil and vegetable oil (>25% but <99% by volume)	X	S/P	2	2G	Cont	No	:	:	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6
110	汽油和酒精的生物燃料混合物 (按体积>25%但<99%) Bio-fuel blends of Gasoline and Ethyl alcohol (>25% but <99% by volume)	X	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	AC	No	15.12, 15.17, 15.19.6
111	二(2-乙基己基)对苯二甲酸 Bis(2-ethylhexyl) terephthalate	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
112	制动液混合物: 聚(2-8)亚烷基(C2-C3)乙二醇/聚亚烷基(C2-C10)糖醇单烷基(C1-C4)乙醚及其硼酸盐 Brake fluid base mix: Poly(2-8)alkylene (C2-C3) glycols/Polyalkylene (C2-C10) glycols monoalkyl (C1-C4) ethers and their borate esters	Z	P	3	2G	Open	No	:	:	Yes	O	No	AC	No	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
113	溴氯甲烷 Bromochloromethane	Z	P	3	2G	Open	No			NF	O	No	No	No	
114	丁烯低聚物 Butene oligomer	X	P	2	2G	Cont	No	T4	IIB	No	R	F	ABC	No	15.19.6
115	2-丁氧基乙醇 (58%) /超支化聚酯酰胺 (42%) (混合物) 2-Butoxyethanol (58%)/Hyperbranched polyesteramide (42%) (mixture)	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	No	15.12.3, 15.12.4, 15.19
116	乙酸丁酯 (所有异构体) Butyl acetate (all isomers)	Y	P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
117	丙烯酸丁酯 (所有异构体) Butyl acrylate (all isomers)	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	F	ABC	No	15.13, 15.19.6, 16.6.1, 16.6.2
118	叔丁醇 tert-Butyl alcohol	Z	P	3	2G	Cont	No	T1	IIA	No	R	F	AC	No	15.19.6
119	丁胺 (所有异构体) Butylamine (all isomers)	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19
120	丁苯 (所有异构体) Butylbenzene (all isomers)	X	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
121	邻苯二甲酸丁基苯酯 Butyl benzyl phthalate	X	S/P	2	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6
122	丁酸丁酯 (所有异构体) Butyl butyrate (all isomers)	Y	S/P	3	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
123	丁基/癸基/十六烷基/二十烷基甲基丙烯酸酯混合物 Butyl/Decyl/Cetyl/Eicosyl methacrylate mixture	Y	S/P	2	2G	Open	No	T3	IIA	No	R	F	ABC	No	15.13, 15.19.6, 16.6.1, 16.6.2
124	丁二醇 Butylene glycol	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
125	<u>1,2-环氧丁烷</u> <u>1,2-Butylene oxide</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>Inert</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.8.1 to 15.8.7, 15.8.12, 15.8.13, 15.8.16, 15.8.17, 15.8.18, 15.8.19, 15.8.21, 15.8.25, 15.8.27, 15.8.29, 15.12, 15.17, 15.19.6</u>
126	<u>正丁醚</u> <u>n-Butyl ether</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>Inert</u>	<u>T4</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.4.6, 15.19</u>
127	<u>甲基丙烯酸丁酯</u> <u>Butyl methacrylate</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.6.1, 16.6.2</u>
128	<u>丙酸正丁酯</u> <u>n-Butyl propionate</u>	<u>Y</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
129	<u>丁醛（所有异构体）</u> <u>Butyraldehyde (all isomers)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
130	<u>丁酸</u> <u>Butyric acid</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.19.6</u>
131	<u>γ-内丁酯</u> <u>gamma-Butyrolactone</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
132	<u>烷基磺酸钙（C11-C50）</u> <u>Calcium alkaryl sulphonate (C11-C50)</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	
133	<u>烷基（C10-C28）水杨酸钙</u> <u>Calcium alkyl (C10-C28) salicylate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
134	<u>氢氧化钙浆</u> <u>Calcium hydroxide slurry</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
135	<u>次氯酸钙溶液（15%或以下）</u> <u>Calcium hypochlorite solution (15% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>R</u>	<u>T</u>	<u>No</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
136	<u>次氯酸钙溶液（15%以上）</u> Calcium hypochlorite solution (more than 15%)	X	S/P	1	2G	Cont	No			NF	R	T	No	No	<u>15.12.3, 15.12.4, 15.19</u>
137	<u>木质素磺酸钙溶液</u> Calcium lignosulphonate solutions	Z	P	3	2G	Open	No	=	=	NF	O	No	No	No	<u>16.2.9</u>
138	<u>长链烷基（C5-C10）苯酚钙</u> Calcium long-chain alkyl (C5-C10) phenate	Y	P	3	2G	Open	No			Yes	O	No	AC	No	<u>15.19.6</u>
139	<u>长链烷基（C11-C40）苯酚钙</u> Calcium long-chain alkyl (C11-C40) phenate	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6</u>
140	<u>长链烷基苯磺酸钙（C8-C40）</u> Calcium long-chain alkyl phenate sulphide (C8-C40)	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6, 16.2.6</u>
141	<u>长链烷基水杨酸钙（C13+）</u> Calcium long-chain alkyl salicylate (C13+)	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
142	<u>长链烷基（C18-C28）水杨酸钙</u> Calcium long-chain alkyl (C18-C28) salicylate	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
143	<u>硝酸钙/硝酸镁/氯化钾溶液</u> Calcium nitrate/Magnesium nitrate/Potassium chloride solution	Z	S/P	3	2G	Open	No	=	=	NF	O	No	No	No	<u>16.2.9</u>
144	<u>硝酸钙溶液（50%或以下）</u> Calcium nitrate solution (50% or less)	Z	S	3	2G	Open	No	=	=	NF	O	No	No	No	<u>16.2.9</u>
145	<u>亚麻油</u> Camelina oil	Y	S/P	2(k)	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.7</u>
146	<u>ε-己内酰胺（熔融或水溶液）</u> epsilon-Caprolactam (molten or aqueous solutions)	Z	S/P	3	2G	Cont	No			Yes	R	T	AC	No	<u>15.12.3, 15.12.4, 15.19.6</u>
147	<u>酚油</u> Carbolic oil	Y	S/P	2	2G	Cont	No			Yes	C	FT	ABC	Yes	<u>15.12, 15.17, 15.19, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
148	<u>二硫化碳</u> <u>Carbon disulphide</u>	Y	S/P	1	1G	Cont	Pad+ inert	T6	IIC	No	C	FT	C	Yes	<u>15.3, 15.12, 15.17, 15.18, 15.19</u>
149	<u>四氯化碳</u> <u>Carbon tetrachloride</u>	Y	S/P	2	2G	Cont	No			NF	C	T	No	No	<u>15.12, 15.17, 15.19.6</u>
150	<u>腰果壳油（未处理）</u> <u>Cashew nut shell oil (untreated)</u>	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
151	<u>蓖麻油</u> <u>Castor oil</u>	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
152	<u>甲酸铯溶液（*）</u> <u>Cesium formate solution (*)</u>	Y	S/P	3	2G	Open	No	=	=	NF	O	No	No	No	<u>15.19.6</u>
153	<u>十六烷基/二十烷基甲基丙烯酸酯混合物</u> <u>Cetyl/Eicosyl methacrylate mixture</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.13, 15.19.6, 16.2.9, 16.6.1, 16.6.2</u>
154	<u>氯化石蜡（C10-C13）</u> <u>Chlorinated paraffins (C10-C13)</u>	X	S/P	1	2G	Cont	No			NF	C	T	No	No	<u>15.12, 15.17, 15.19, 16.2.6</u>
155	<u>氯化石蜡（C14-C17）（含有 50%或以上的氯，且少于 1%的 C13 或短链）</u> <u>Chlorinated paraffins (C14-C17) (with 50% chlorine or more, and less than 1% C13 or shorter chains)</u>	X	S/P	1	2G	Cont	No	=	=	Yes	C	T	AC	No	<u>15.12, 15.17, 15.19</u>
156	<u>氯乙酸（80%或以下）</u> <u>Chloroacetic acid (80% or less)</u>	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	<u>15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.18, 15.19, 16.2.9</u>
157	<u>氯苯</u> <u>Chlorobenzene</u>	Y	S/P	2	2G	Cont	No	T1	IIA	No	R	FT	ABC	No	<u>15.12.3, 15.12.4, 15.19.6</u>
158	<u>氯仿</u> <u>Chloroform</u>	Y	S/P	3	2G	Cont	No			NF	C	T	No	No	<u>15.12, 15.17, 15.19.6</u>

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
159	<u>氯乙醇（粗制）</u> <u>Chlorohydrins (crude)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
160	<u>4-氯-2-甲基苯氧基乙酸，二甲胺盐溶液</u> <u>4-Chloro-2-methylphenoxyacetic acid, dimethylamine salt solution</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>R</u>	<u>T</u>	<u>No</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
161	<u>邻-氯硝基苯</u> <u>o-Chloronitrobenzene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.9</u>
162	<u>1-（4-氯苯基）-4,4-二甲基-戊-3-酮</u> <u>1-(4-Chlorophenyl)-4,4-dimethyl-pentan-3-one</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABD</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
163	<u>2-或 3-氯丙酸</u> <u>2- or 3-Chloropropionic acid</u>	<u>Z</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.19, 16.2.9</u>
164	<u>氯磺酸</u> <u>Chlorosulphonic acid</u>	<u>Y</u>	<u>S/P</u>	<u>1</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.11.2, 15.11.3, 15.11.4, 15.11.5, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.16.2, 15.17, 15.18, 15.19</u>
165	<u>间氯甲苯</u> <u>m-Chlorotoluene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19</u>
166	<u>邻氯甲苯</u> <u>o-Chlorotoluene</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
167	<u>对氯甲苯</u> <u>p-Chlorotoluene</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
168	<u>氯甲苯（所有异构体）</u> <u>Chlorotoluenes (mixed isomers)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
<u>169</u>	<u>胆碱盐酸盐溶液</u> <u>Choline chloride solutions</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	
<u>170</u>	<u>柠檬酸（70%或以下）</u> <u>Citric acid (70% or less)</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
<u>171</u>	<u>煤焦油</u> <u>Coal tar</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>BD</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6, 16.2.6, 16.2.9</u>
<u>172</u>	<u>煤焦油石脑油溶剂</u> <u>Coal tar naphtha solvent</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6, 16.2.9</u>
<u>173</u>	<u>煤焦油沥青（熔融的）（*）</u> <u>Coal tar pitch (molten) (*)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>1G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u> <u>D</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6, 16.2.6, 16.2.9</u>
<u>174</u>	<u>可可脂</u> <u>Cocoa butter</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u> <u>)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
<u>175</u>	<u>椰子油</u> <u>Coconut oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u> <u>)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
<u>176</u>	<u>椰子油脂肪酸</u> <u>Coconut oil fatty acid</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
<u>177</u>	<u>椰子油脂肪酸甲酯</u> <u>Coconut oil fatty acid methyl ester</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
<u>178</u>	<u>长链（C17+）烷酸铜盐</u> <u>Copper salt of long chain (C17+) alkanolic acid</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
<u>179</u>	<u>玉米油</u> <u>Corn Oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u> <u>)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
<u>180</u>	<u>棉籽油</u> <u>Cotton seed oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u> <u>)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
181	杂酚油（煤焦油） Creosote (coal tar)	X	S/P	1	2G	Cont	No	T2	IIA	Yes	C	T	AD	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
182	甲酚（所有异构体） Cresols (all isomers)	Y	S/P	1	2G	Cont	No	T1	IIA	Yes	C	T	ABC	Yes	15.12, 15.18, 15.19, 16.2.9
183	甲酚/苯酚/二甲苯酚混合物 Cresol/Phenol/Xylenol mixture	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19
184	甲酚酸，已脱酚 Cresylic acid, dephenolized	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
185	甲酚酸，钠盐溶液 Cresylic acid, sodium salt solution	Y	S/P	2	2G	Cont	No	T4	IIB	No	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.9
186	巴豆醛 Crotonaldehyde	X	S/P	1	1G	Cont	No	T3	IIB	No	C	FT	AC	Yes	15.12, 15.17, 15.18, 15.19
187	1,5,9-环十二碳三烯 1,5,9-Cyclododecatriene	X	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.13, 15.19.6, 16.6.1, 16.6.2
188	环庚烷 Cycloheptane	X	S/P	2	2G	Cont	No	T4	IIA	No	R	F	AC	No	15.19.6
189	环己烷 Cyclohexane	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6, 16.2.9
190	环己烷-1,2-二羧酸，二异壬酯 Cyclohexane-1,2-dicarboxylic acid, diisononyl ester	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
191	环己烷氧化产物，钠盐溶液 Cyclohexane oxidation products, sodium salts solution	Z	P	3	2G	Open	No			NF	O	No	No	No	
192	环己醇 Cyclohexanol	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
193	环己酮 Cyclohexanone	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
194	环己酮、环己醇混合物 Cyclohexanone, Cyclohexanol mixture	Y	S/P	3	2G	Cont	No			Yes	R	F	AC	No	15.19.6
195	乙酸环己酯 Cyclohexyl acetate	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
196	环己胺 Cyclohexylamine	Y	S/P	3	2G	Cont	No	T3	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19
197	1,3-环戊二烯二聚体（熔融的） 1,3-Cyclopentadiene dimer (molten)	Y	S/P	2	2G	Cont	No	T1	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.9
198	环戊烷 Cyclopentane	Y	P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
199	环戊烯 Cyclopentene	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
200	对-甲基异丙基苯 p-Cymene	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
201	十氢化萘 Decahydronaphthalene	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
202	癸酸 Decanoic acid	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
203	癸烯 Decene	X	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
204	丙烯酸癸酯 Decyl acrylate	X	S/P	1	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.13, 15.19, 16.6.1, 16.6.2

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
205	癸醇（所有异构体） Decyl alcohol (all isomers)	Y	P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.9(e)
206	癸醇/十二烷基醇/十四烷基醇混合物 Decyl/Dodecyl/Tetradecyl alcohol mixture	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
207	癸基氧化四氢噻吩二氧化物 Decyloxytetrahydrothiophene dioxide	X	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.9
208	二丙酮醇 Diacetone alcohol	Z	S/P	3	2G	Cont	No	T1	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
209	二烷基（C8-C9）二苯胺 Dialkyl (C8-C9) diphenylamines	Z	P	3	2G	Open	No			Yes	O	No	ABC	No	
210	二烷基（C7-C13）邻苯二甲酸酯 Dialkyl (C7-C13) phthalates	X	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6
211	二烷基（C9-C10）邻苯二甲酸酯 Dialkyl (C9-C10) phthalates	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6
212	二烷基硫代磷酸钠溶液 Dialkyl thiophosphates sodium salts solution	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
213	2,6-二氨基己酸膦酸酯混合盐溶液 2,6-Diaminohexanoic acid phosphonate mixed salts solution	Z	S/P	3	2G	Cont	No			NF	R	No	No	No	15.11, 15.17, 15.19.6
214	二溴甲烷 Dibromomethane	Y	S/P	2	2G	Open	No			NF	O	No	No	No	15.19.6
215	二丁胺 Dibutylamine	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	Yes	15.12, 15.17, 15.19
216	二丁基磷酸氢酯 Dibutyl hydrogen phosphonate	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
<u>217</u>	<u>2,6-二-叔-丁基苯酚</u> <u>2,6-Di-tert-butylphenol</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
<u>218</u>	<u>邻苯二甲酸二丁酯</u> <u>Dibutyl phthalate</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
<u>219</u>	<u>对苯二甲酸二丁酯</u> <u>Dibutyl terephthalate</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
<u>220</u>	<u>二氯苯（所有异构体）</u> <u>Dichlorobenzene (all isomers)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABD</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
<u>221</u>	<u>3,4-二氯-1-丁烯</u> <u>3,4-Dichloro-1-butene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
<u>222</u>	<u>1,1-二氯乙烷</u> <u>1,1-Dichloroethane</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
<u>223</u>	<u>二氯乙醚</u> <u>Dichloroethyl ether</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.18, 15.19</u>
<u>224</u>	<u>1,6-二氯己烷</u> <u>1,6-Dichlorohexane</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
<u>225</u>	<u>2,2'-二氯异丙醚</u> <u>2,2'-Dichloroisopropyl ether</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19</u>
<u>226</u>	<u>二氯甲烷</u> <u>Dichloromethane</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
<u>227</u>	<u>2,4-二氯苯酚</u> <u>2,4-Dichlorophenol</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>Dry</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AD</u>	<u>Yes</u>	<u>15.12, 15.16.2, 15.17, 15.19, 16.2.6, 16.2.9</u>
<u>228</u>	<u>2,4-二氯苯氧乙酸，二乙醇胺盐溶液</u> <u>2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
229	<u>2,4-二氯苯氧乙酸, 二甲胺盐溶液 (70%或以下)</u> 2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	15.12, 15.17, 15.19, 16.2.9
230	<u>2,4-二氯苯氧乙酸, 三异丙醇胺盐溶液</u> 2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
231	<u>1,1-二氯丙烷</u> 1,1-Dichloropropane	Y	S/P	2	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
232	<u>1,2-二氯丙烷</u> 1,2-Dichloropropane	Y	S/P	3	2G	Cont	No	T1	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
233	<u>1,3-二氯丙烯</u> 1,3-Dichloropropene	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	Yes	15.12, 15.17, 15.19
234	<u>二氯丙烯/二氯丙烷混合物</u> Dichloropropene/Dichloropropane mixtures	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABD	No	15.12, 15.17, 15.19
235	<u>2,2-二氯丙酸</u> 2,2-Dichloropropionic acid	Y	S/P	2	2G	Cont	Dry			Yes	C	T	AD	Yes	15.11.2, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.16.2, 15.17, 15.19, 16.2.9
236	<u>双环戊二烯, 树脂级, 81-89%</u> Dicyclopentadiene, Resin Grade, 81-89%	Y	S/P	2	2G	Cont	Inert	T2	IIB	No	C	FT	ABC	Yes	15.12, 15.13, 15.17, 15.19
237	<u>二乙醇胺</u> Diethanolamine	Y	S/P	3	2G	Cont	No	T1	IIA	Yes	C	T	AC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
238	<u>二乙胺</u> Diethylamine	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19
239	<u>二乙胺基乙醇</u> Diethylaminoethanol	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
240	<u>2,6-二乙基苯胺</u> <u>2,6-Diethylaniline</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
241	<u>二乙苯</u> <u>Diethylbenzene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
242	<u>二甘醇</u> <u>Diethylene glycol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
243	<u>二甘醇二丁基醚</u> <u>Diethylene glycol dibutyl ether</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	
244	<u>二甘醇二乙基醚</u> <u>Diethylene glycol diethyl ether</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
245	<u>二甘醇邻苯二甲酸酯</u> <u>Diethylene glycol phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6</u>
246	<u>二亚乙基三胺</u> <u>Diethylenetriamine</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19</u>
247	<u>二亚乙基三胺五乙酸，五钠盐溶液</u> <u>Diethylenetriaminepentaacetic acid, pentasodium salt solution</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	
248	<u>二乙醚 (*)</u> <u>Diethyl ether (*)</u>	<u>Z</u>	<u>S/P</u>	<u>2</u>	<u>1G</u>	<u>Cont</u>	<u>Inert</u>	<u>T4</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.4, 15.14, 15.19</u>
249	<u>二-(2-乙基己基)乙二酸酯</u> <u>Di-(2-ethylhexyl) adipate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
250	<u>二-(2-乙基己基)磷酸</u> <u>Di-(2-ethylhexyl) phosphoric acid</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AD</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
251	<u>邻苯二甲酸二乙酯</u> <u>Diethyl phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
252	硫酸二乙酯 Diethyl sulphate	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12 , 15.17 , 15.19
253	双酚 A 二环氧甘油醚 Diglycidyl ether of bisphenol A	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.6 , 16.2.9
254	双酚 F 二环氧甘油醚 Diglycidyl ether of bisphenol F	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	No	15.12 , 15.17 , 15.19.6 , 16.2.6
255	二庚基邻苯二甲酸酯 Diheptyl phthalate	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6
256	二-正-己基己二酸酯 Di-n-hexyl adipate	X	S/P	1	2G	Open	No			Yes	O	No	AC	No	15.19
257	二己基邻苯二甲酸酯 Dihexyl phthalate	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	15.12 , 15.17 , 15.19.6
258	二异丁胺 Diisobutylamine	Y	S/P	2	2G	Cont	No	T4	IIB	No	C	FT	ABC	No	15.12.3 , 15.12.4 , 15.19
259	二异丁烯 Diisobutylene	Y	P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6
260	二异丁基甲酮 Diisobutyl ketone	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3 , 15.12.4 , 15.19.6
261	邻苯二甲酸二异丁酯 Diisobutyl phthalate	X	S/P	2	2G	Cont	No			Yes	C	T	AC	No	15.12 , 15.17 , 15.19.6
262	己二酸二异壬酯 Diisononyl adipate	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6
263	邻苯二甲酸二异辛酯 Diioctyl phthalate	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6 , 16.2.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
264	二异丙醇胺 Diisopropanolamine	Z	P	3	2G	Open	No	:	:	Yes	O	No	AC	No	16.2.9
265	二异丙胺 Diisopropylamine	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.17, 15.19.6
266	二异丙苯（所有异构体） Diisopropylbenzene (all isomers)	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
267	二异丙基萘 Diisopropyl naphthalene	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	AC	No	15.19.6
268	N,N-二甲基乙酰胺 N,N-Dimethylacetamide	Z	S/P	3	2G	Cont	No	:	:	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
269	N,N-二甲基乙酰胺溶液（40%或以下） N,N-Dimethylacetamide solution (40% or less)	Z	S/P	3	2G	Cont	No			NF	R	T	No	No	15.12.3, 15.12.4, 15.19.6
270	二甲基己二酸酯 Dimethyl adipate	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
271	二甲胺溶液（45%或以下） Dimethylamine solution (45% or less)	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19
272	二甲胺溶液（45%以上但不超过 55%） Dimethylamine solution (greater than 45% but not greater than 55%)	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19
273	二甲胺溶液（55%以上但不超过 65%） Dimethylamine solution (greater than 55% but not greater than 65%)	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.14, 15.19
274	N,N-二甲基环己胺 N,N-Dimethylcyclohexylamine	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	AC	Yes	15.12, 15.17, 15.19
275	二甲基二硫 Dimethyl disulphide	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
276	<u>N,N-二甲基十二烷基胺</u> <u>N,N-Dimethyldodecylamine</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
277	<u>二甲基乙醇胺</u> <u>Dimethylethanolamine</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
278	<u>二甲基甲酰胺</u> <u>Dimethylformamide</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
279	<u>戊二酸二甲酯</u> <u>Dimethyl glutarate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
280	<u>亚磷酸氢二甲酯</u> <u>Dimethyl hydrogen phosphite</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
281	<u>二甲基辛酯</u> <u>Dimethyl octanoic acid</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6,</u> <u>16.2.6, 16.2.9</u>
282	<u>邻苯二甲酸二甲酯</u> <u>Dimethyl phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
283	<u>二甲基聚硅氧烷</u> <u>Dimethylpolysiloxane</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
284	<u>2,2-二甲基丙烷-1,3-二醇 (熔融的或溶液)</u> <u>2,2-Dimethylpropane-1,3-diol (molten or solution)</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>16.2.9</u>
285	<u>二甲基琥珀酸酯</u> <u>Dimethyl succinate</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
286	<u>二硝基甲苯 (熔融的)</u> <u>Dinitrotoluene (molten)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19, 15.21,</u> <u>16.2.6, 16.2.9, 16.6.4</u>
287	<u>邻苯二甲酸二壬酯</u> <u>Dinonyl phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
288	邻苯二甲酸二辛酯 Diocetyl phthalate	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6
289	1,4-二噁烷 1,4-Dioxane	Y	S/P	3	2G	Cont	No	T2	IIB	No	C	FT	AC	No	15.12, 15.17, 15.19.6, 16.2.9
290	二戊烯 Dipentene	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19.6
291	联苯 Diphenyl	X	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
292	二苯胺（熔融的） Diphenylamine (molten)	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
293	二苯胺，与 2,2,4-三甲基戊烯反应物质 Diphenylamine, reaction product with 2,2,4-Trimethylpentene	Y	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19, 16.2.6
294	二苯胺，烷基化的 Diphenylamines, alkylated	Y	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19, 16.2.6, 16.2.9
295	联苯/二苯醚混合物 Diphenyl/Diphenyl ether mixtures	X	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
296	二苯醚 Diphenyl ether	X	P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.9
297	二苯醚/二苯基二苯醚混合物 Diphenyl ether/Diphenyl phenyl ether mixture	X	P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.9
298	二苯甲烷二异氰酸酯 Diphenylmethane diisocyanate	Y	S/P	2	2G	Cont	Dry	=	=	Yes(a)	C	T(a))	AB(b) D	Yes	15.12, 15.16.2, 15.17, 15.19, 16.2.6, 16.2.9
299	二苯丙烷-表氯醇树脂 Diphenylol propane-epichlorohydrin resins	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
300	<u>二正丙胺</u> <u>Di-n-propylamine</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12.3, 15.12.4, 15.17,</u> <u>15.19.6</u>
301	<u>二丙基二醇</u> <u>Dipropylene glycol</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	
302	<u>二硫代氨基甲酸酯 (C7-C35)</u> <u>Dithiocarbamate ester (C7-C35)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
303	<u>双十三烷基己二酸酯</u> <u>Ditridecyl adipate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6,</u> <u>16.2.6</u>
304	<u>邻苯二甲酸 (二) 十三烷基酯</u> <u>Ditridecyl phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
305	<u>邻苯二甲酸 (二) 十一烷基酯</u> <u>Diundecyl phthalate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
306	<u>十二烷 (所有异构体)</u> <u>Dodecane (all isomers)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
307	<u>叔-十二烷硫醇</u> <u>tert-Dodecanethiol</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
308	<u>1-十二烯</u> <u>1-Dodecene</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
309	<u>十二烯 (所有异构体)</u> <u>Dodecene (all isomers)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
310	<u>十二烷基醇</u> <u>Dodecyl alcohol</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
311	<u>正-十二烷基硫醇</u> <u>n-Dodecyl mercaptan</u>	<u>X</u>	<u>S/P</u>	<u>1</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
312	<u>十二烷基/十四烷基混合物</u> <u>Dodecylamine/Tetradecylamine mixture</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
313	<u>十二烷基苯</u> <u>Dodecylbenzene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
314	<u>十二烷基联苯醚二磺酸酯溶液</u> <u>Dodecyl diphenyl ether disulphonate solution</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.6</u>
315	<u>硫化十二烷基羟基丙醇</u> <u>Dodecyl hydroxypropyl sulphide</u>	<u>X</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
316	<u>十二烷基丙烯酸酯</u> <u>Dodecyl methacrylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.13, 15.19.6</u>
317	<u>十二烷基/十八烷基甲基丙烯酸酯混合物</u> <u>Dodecyl/Octadecyl methacrylate mixture</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.2.6, 16.6.1, 16.6.2</u>
318	<u>十二烷基/十五烷基甲基丙烯酸酯混合物</u> <u>Dodecyl/Pentadecyl methacrylate mixture</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.6.1, 16.6.2</u>
319	<u>十二烷基苯酚</u> <u>Dodecyl phenol</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.6</u>
320	<u>十二烷基二甲苯</u> <u>Dodecyl xylene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6</u>
321	<u>钻井盐水（含有氯化锌）</u> <u>Drilling brines (containing zinc chloride)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>15.19.6</u>
322	<u>钻井盐水（含有溴化钙）</u> <u>Drilling brines (containing calcium bromide)</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>15.19.6</u>
323	<u>表氯醇</u> <u>Epichlorohydrin</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
324	乙醇胺 Ethanolamine	Y	S/P	3	2G	Cont	No	T2	IIA	Yes	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.9
325	2-乙氧基乙酸乙酯 2-Ethoxyethyl acetate	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6
326	乙氧基长链 (C16+) 烷氧基烷基胺 Ethoxylated long chain (C16+) alkyloxyalkylamine	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.9
327	乙氧基动物脂胺 (>95%) Ethoxylated tallow amine (>95%)	X	S/P	2	2G	Cont	Inert	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
328	乙酸乙酯 Ethyl acetate	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	F	ABC	No	15.19.6
329	乙酰乙酸乙酯 Ethyl acetoacetate	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	
330	丙烯酸乙酯 Ethyl acrylate	Y	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	AC	No	15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2
331	乙胺 (*) Ethylamine (*)	Y	S/P	2	1G	Cont	No	T2	IIA	No	C	F	AC	No	15.12.3.2, 15.14, 15.19
332	乙胺溶液 (72%或以下) Ethylamine solutions (72% or less)	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	F	AC	No	15.12.3.2, 15.14, 15.19
333	乙基戊基甲酮 Ethyl amyl ketone	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
334	乙苯 Ethylbenzene	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6
335	乙基叔丁基醚 Ethyl tert-butyl ether	Y	S/P	2	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
336	丁酸乙酯 Ethyl butyrate	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
337	乙基环己烷 Ethylcyclohexane	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
338	N-乙基环己胺 N-Ethylcyclohexylamine	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19
339	S-乙基二丙基硫代氨基甲酸酯 S-Ethyl dipropylthiocarbamate	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6, 16.2.9
340	碳酸乙烯酯 Ethylene carbonate	Z	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
341	氯乙醇 Ethylene chlorohydrin	Y	S/P	1	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.18, 15.19
342	亚乙基氰醇 Ethylene cyanohydrin	Y	S/P	2	2G	Cont	No		IIB	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
343	乙二胺 Ethylenediamine	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.9
344	乙二胺四乙酸, 四钠盐溶液 Ethylenediaminetetraacetic acid, tetrasodium salt solution	Y	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
345	二溴乙烷 Ethylene dibromide	Y	S/P	2	2G	Cont	No			NF	C	T	No	No	15.12, 15.17, 15.19, 16.2.9
346	二氯乙烷 Ethylene dichloride	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19
347	乙二醇 Ethylene glycol	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
348	乙二醇乙酸酯 Ethylene glycol acetate	Y	S/P	3	2G	Cont	No	:	:	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
349	乙二醇丁醚乙酸酯 Ethylene glycol butyl ether acetate	Y	S/P	3	2G	Open	No			Yes	O	No	AC	No	15.19.6
350	乙二醇二乙酸酯 Ethylene glycol diacetate	Y	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6
351	乙二醇甲醚乙酸酯 Ethylene glycol methyl ether acetate	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6
352	乙二醇单烷基醚 Ethylene glycol monoalkyl ethers	Y	S/P	3	2G	Cont	No	T2	IIB	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19, 16.2.9
353	乙二醇苯基醚 Ethylene glycol phenyl ether	Z	S/P	3	2G	Open	No	:	:	Yes	O	No	AC	No	16.2.9
354	乙二醇苯基醚/二乙二醇苯基醚混合物 Ethylene glycol phenyl ether/Diethylene glycol phenyl ether mixture	Z	S/P	3	2G	Cont	No	:	:	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
355	乙二醇 (>75%) /烷基羧酸钠/硼砂混合物 Ethylene glycol (>75%)/sodium alkyl carboxylates/borax mixture	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6
356	乙二醇 (>85%) /烷基羧酸钠混合物 Ethylene glycol (>85%)/sodium alkyl carboxylates mixture	Z	S/P	3	2G	Open	No	:	:	Yes	O	No	AC	No	15.19.6
357	环氧乙烷/环氧丙烷混合物, 其中环氧乙烷按质量计含量不超过 30% Ethylene oxide/Propylene oxide mixture with an ethylene oxide content of not more than 30% by mass	Y	S/P	2	1G	Cont	Inert	T2	IIB	No	C	FT	AC	Yes	15.8, 15.12, 15.14, 15.17, 15.19
358	乙烯乙酸乙烯酯共聚物 (乳剂) Ethylene-vinyl acetate copolymer (emulsion)	Y	S/P	3	2G	Cont	No	:	:	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
359	<u>乙基-3-乙氧基丙酸酯</u> <u>Ethyl-3-ethoxypropionate</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
360	<u>2-乙基己酸</u> <u>2-Ethylhexanoic acid</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
361	<u>丙烯酸-2-乙基己酯</u> <u>2-Ethylhexyl acrylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.13,</u> <u>15.19.6, 16.6.1, 16.6.2</u>
362	<u>2-乙基己胺</u> <u>2-Ethylhexylamine</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19.6</u>
363	<u>2-乙基-2-(羟甲基)丙烷-1,3-二醇(C8-C10)酯</u> <u>2-Ethyl-2-(hydroxymethyl) propane-1,3-diol (C8-C10) ester</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
364	<u>亚乙基降冰片烯</u> <u>Ethylidene norbornene</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
365	<u>甲基丙烯酸乙酯</u> <u>Ethyl methacrylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.6.1, 16.6.2</u>
366	<u>N-乙基甲基丙烯胺</u> <u>N-Ethylmethylallylamine</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19</u>
367	<u>丙酸乙酯</u> <u>Ethyl propionate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
368	<u>2-乙基-3-丙基丙烯醛</u> <u>2-Ethyl-3-propylacrolein</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
369	<u>乙基甲苯</u> <u>Ethyl toluene</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
370	<u>脂肪酸(饱和的 C13+)</u> <u>Fatty acid (saturated C13+)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
371	<u>脂肪酸甲酯 (m)</u> Fatty acid methyl esters (m)	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6,</u> <u>16.2.6, 16.2.9</u>
372	<u>脂肪酸 (C8-C10)</u> Fatty acids, (C8-C10)	Y	S/P	2	2G	Cont	No	=	=	Yes	C	T	ABC	Yes	<u>15.12, 15.17, 15.19, 16.2.6,</u> <u>16.2.9</u>
373	<u>脂肪酸 (C12+)</u> Fatty acids, (C12+)	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.7,</u> <u>16.2.9</u>
374	<u>脂肪酸 (C16+)</u> Fatty acids, (C16+)	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6</u>
375	<u>脂肪酸, 主要直链的 (C6-C18) 2-乙基己基酯</u> Fatty acids, essentially linear (C6-C18) 2-ethylhexyl ester	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6</u>
376	<u>氯化铁溶液</u> Ferric chloride solutions	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.17, 15.19,</u> <u>16.2.9</u>
377	<u>硝酸铁/硝酸溶液</u> Ferric nitrate/Nitric acid solution	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.17, 15.19</u>
378	<u>鱼油</u> Fish oil	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.7,</u> <u>16.2.9</u>
379	<u>浓缩鱼饲料蛋白 (含有 4%或以下的甲酸)</u> Fish silage protein concentrate (containing 4% or less formic acid)	Y	P	2	2G	Open	No			NF	O	No	No	No	<u>15.19.6, 16.2.6</u>
380	<u>浓缩鱼蛋白 (含有 4%或以下的甲酸)</u> Fish protein concentrate (containing 4% or less formic acid)	Z	P	3	2G	Open	No	=	=	NF	O	No	No	No	
381	<u>氟硅酸 (20-30%) 水溶液</u> Fluorosilicic acid solution (20-30%)	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.17, 15.19</u>
382	<u>甲醛溶液 (45%或以下)</u> Formaldehyde solutions (45% or less)	Y	S/P	3	2G	Cont	No	T2	IIB	No	C	FT	AC	Yes	<u>15.12, 15.17, 15.19, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
383	甲酰胺 Formamide	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6, 16.2.9
384	甲酸（85%或以下） Formic acid (85% or less acid)	Y	S/P	3	2G	Cont	No	=	=	Yes	C	T(g)	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.17, 15.19, 16.2.9
385	甲酸（超过 85%） Formic acid (over 85%)	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT(g)	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.17, 15.19, 16.2.9
386	甲酸混合物（含超过 18%丙酸和超过 25%甲酸钠） Formic acid mixture (containing up to 18% propionic acid and up to 25% sodium formate)	Z	S/P	3	2G	Cont	No	=	=	Yes	R	T(g)	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.19.6
387	糠醛 Furfural	Y	S/P	3	2G	Cont	No	T2	IIB	No	C	FT	AC	Yes	15.12, 15.17, 15.19
388	糠醇 Furfuryl alcohol	Y	S/P	3	2G	Cont	No	=	=	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
389	山梨醇/甘油共混丙氧基酯（含少于 10%的胺） Glucitol/glycerol blend propoxylated (containing less than 10% amines)	Z	S/P	3	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
390	山梨醇/甘油共混丙氧基酯（含 10%或以上的胺） Glucitol/glycerol blend propoxylated (containing 10% or more amines)	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
391	戊二醛溶液（50%或以下） Glutaraldehyde solutions (50% or less)	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	15.12, 15.17, 15.19
392	甘油 Glycerine	Z	S	3	2G	Open	No			Yes	O	No	AC	No	16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
393	甘油单油酸酯 Glycerol monooleate	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
394	甘油丙氧基酯 Glycerol propoxylated	Z	S/P	3	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
395	甘油，丙氧基酯和乙氧基酯 Glycerol, propoxylated and ethoxylated	Z	P	3	2G	Open	No	=	=	Yes	O	No	ABC	No	
396	甘油/蔗糖共混丙氧基酯和乙氧基酯 Glycerol/sucrose blend propoxylated and ethoxylated	Z	P	3	2G	Open	No	=	=	Yes	O	No	ABC	No	
397	甘油三乙酸酯 Glyceryl triacetate	Z	S/P	3	2G	Open	No			Yes	O	No	ABC	No	15.19.6
398	C10 三烷基乙酸缩水甘油酯 Glycidyl ester of C10 trialkylacetic acid	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
399	甘氨酸，钠盐溶液 Glycine, sodium salt solution	Z	S/P	3	2G	Open	No			NF	O	No	No	No	
400	乙醇酸溶液（70%或以下） Glycolic acid solution (70% or less)	Z	S/P	3	2G	Cont	No	=	=	NF	C	T	No	Yes	15.12.3, 15.12.4, 15.17, 15.19, 16.2.9
401	乙二醛溶液（40%或以下） Glyoxal solution (40% or less)	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
402	二羟基乙酸溶液（50%或以下） Glyoxylic acid solution (50% or less)	Y	S/P	3	2G	Cont	No	=	=	Yes	C	T	ACD	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19, 16.2.9, 16.6.1, 16.6.2, 16.6.3
403	草甘膦溶液（不含表面活性剂） Glyphosate solution (not containing surfactant)	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
404	葡萄籽油 Grape Seed Oil	Y	S/P	2(k)	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
405	花生油 Groundnut oil	Y	P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
406	庚烷（所有异构体） Heptane (all isomers)	X	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
407	正庚酸 n-Heptanoic acid	Z	S/P	3	2G	Cont	No			Yes	R	No	ABC	No	15.19.6, 15.17
408	庚醇（所有异构体）（d） Heptanol (all isomers) (d)	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
409	庚烯（所有异构体） Heptene (all isomers)	Y	P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
410	乙酸庚酯 Heptyl acetate	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
411	1-十六烷基萘/1,4-二（十六烷基）萘混合物 1-Hexadecylnaphthalene / 1,4-bis(hexadecyl)naphthalene mixture	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
412	六亚甲基二胺（熔融的） Hexamethylenediamine (molten)	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
413	六亚甲基二胺溶液（50%在水中） Hexamethylenediamine adipate (50% in water)	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
414	六亚甲基二胺溶液 Hexamethylenediamine solution	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19
415	六亚甲基二异氰酸酯 Hexamethylene diisocyanate	Y	S/P	2	2G	Cont	Dry	T1	IIB	Yes	C	T	AC(b) JD	Yes	15.12, 15.16.2, 15.17, 15.18, 15.19
416	己二醇 Hexamethylene glycol	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
417	六亚甲基环己二胺 <u>Hexamethyleneimine</u>	Y	S/P	2	2G	Cont	No	T2	IIB	No	R	FT	AC	No	<u>15.12.3, 15.12.4, 15.19</u>
418	乌洛托品溶液 <u>Hexamethylenetetramine solutions</u>	Z	S	3	2G	Open	No			Yes	O	No	AC	No	<u>15.19.6</u>
419	己烷（所有异构体） <u>Hexane (all isomers)</u>	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	<u>15.12, 15.17, 15.19.6</u>
420	1,6-己二醇，塔顶蒸馏 <u>1,6-Hexanediol, distillation overheads</u>	Y	S/P	3	2G	Cont	No	=	=	Yes	R	T	AC	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
421	己酸 <u>Hexanoic acid</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	ABC	Yes	<u>15.12, 15.17, 15.19</u>
422	己醇 <u>Hexanol</u>	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	<u>15.12, 15.17, 15.19</u>
423	己烯（所有异构体） <u>Hexene (all isomers)</u>	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	<u>15.19.6</u>
424	乙酸己酯 <u>Hexyl acetate</u>	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	<u>15.19.6</u>
425	己二醇 <u>Hexylene glycol</u>	Z	S	3	2G	Cont	No			Yes	C	T	AC	Yes	<u>15.12, 15.17, 15.19</u>
426	碳氢蜡 <u>Hydrocarbon wax</u>	X	S/P	2	2G	Cont	No	=	=	Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19.6, 16.2.6, 16.2.9</u>
427	盐酸（*） <u>Hydrochloric acid (*)</u>	Z	S/P	3	1G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.17, 15.19</u>
428	过氧化氢溶液（60%以上但不超过70%） <u>Hydrogen peroxide solutions (over 60% but not over 70% by mass)</u>	Y	S/P	2	2G	Cont	No			NF	R	T	No	No	<u>15.5.1, 15.12.3, 15.12.4, 15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
429	<u>过氧化氢溶液（8%以上但不超过 60%）</u> <u>Hydrogen peroxide solutions (over 8% but not over 60% by mass)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>R</u>	<u>T</u>	<u>No</u>	<u>No</u>	<u>15.5.2, 15.18, 15.12.3, 15.12.4, 15.19.6</u>
430	<u>2-羟乙基丙烯酸酯</u> <u>2-Hydroxyethyl acrylate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2</u>
431	<u>正-（羟乙基）乙二胺三乙酸，三钠盐溶液</u> <u>N-(Hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt solution</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
432	<u>2-羟基-4-（甲硫基）丁酸</u> <u>2-Hydroxy-4-(methylthio)butanoic acid</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
433	<u>雾衣草油</u> <u>Illipe oil</u>	<u>Y</u>	<u>P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
434	<u>异戊醇</u> <u>Isoamyl alcohol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
435	<u>异丁醇</u> <u>Isobutyl alcohol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
436	<u>甲酸异丁酯</u> <u>Isobutyl formate</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
437	<u>甲基丙烯酸异丁酯</u> <u>Isobutyl methacrylate</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.6.1, 16.6.2</u>
438	<u>异佛尔酮</u> <u>Isophorone</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
439	<u>异佛尔酮二胺</u> <u>Isophoronediamine</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
440	<u>异佛尔酮二异氰酸酯</u> <u>Isophorone diisocyanate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>Dry</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABD</u>	<u>Yes</u>	<u>15.12, 15.16.2, 15.17, 15.19</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
441	异戊二烯 Isoprene	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12 , 15.13 , 15.14 , 15.17 , 15.19.6 , 16.6.1 , 16.6.2
442	异丙醇胺 Isopropanolamine	Y	S/P	3	2G	Cont	No	T2	IIA	Yes	R	No	AC	No	15.19.6 , 16.2.6 , 16.2.9
443	乙酸异丙酯 Isopropyl acetate	Z	P	3	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
444	异丙胺 Isopropylamine	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12.3.2 , 15.14 , 15.19
445	异丙胺（70%或以下）溶液 Isopropylamine (70% or less) solution	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12.3.2 , 15.19
446	异丙基环己烷 Isopropylcyclohexane	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6 , 16.2.9
447	异丙醚 Isopropyl ether	Y	S/P	3	2G	Cont	Inert	T2	IIA	No	R	F	AC	No	15.4.6 , 15.13 , 15.19.6 , 16.6.1 , 16.6.2
448	麻风果油 Jatropha oil	Y	P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7
449	乳酸 Lactic acid	Z	S/P	3	2G	Cont	No			Yes	C	T	AC	Yes	15.12 , 15.17 , 15.19
450	乳腈溶液（80%或以下） Lactonitrile solution (80% or less)	Y	S/P	1	1G	Cont	No			NF	C	T	No	Yes	15.12 , 15.13 , 15.17 , 15.18 , 15.19 , 16.6.1 , 16.6.2 , 16.6.3
451	猪油 Lard	Y	S/P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
452	乳胶，氨（1%或以下），抑制的 Latex, ammonia (1% or less) inhibited	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6 , 16.2.6 , 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
453	乳胶：羧化苯乙烯丁二烯共聚物；苯乙烯-丁二烯橡胶 Latex: Carboxylated styrene-Butadiene copolymer, Styrene-Butadiene rubber	Z	S/P	3	2G	Open	No	=	=	Yes	O	No	AC	No	16.2.9
454	十二烷酸 Lauric acid	X	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
455	木质素磺酸，镁盐溶液 Ligninsulphonic acid, magnesium salt solution	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	
456	木质素磺酸，钠盐溶液 Ligninsulphonic acid, sodium salt solution	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	16.2.9
457	亚麻油 Linseed oil	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
458	液体化学废物 Liquid chemical wastes	X	S/P	2	2G	Cont	No			No	C	FT	AC	No	15.12, 15.17, 15.19, 20.5.1, 20.7
459	长链烷芳基聚醚 (C11-C20) Long-chain alkaryl polyether (C11-C20)	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
460	长链烷芳基磺酸 (C16-C60) Long-chain alkaryl sulphonic acid (C16-C60)	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
461	长链烷基酚酯/硫化苯酚混合物 Long-chain alkylphenate/Phenol sulphide mixture	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
462	长链烷基酚 (C14-C18) Long-chain alkylphenol (C14-C18)	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
463	长链烷基酚 (C18-C30) Long-chain alkylphenol (C18-C30)	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
464	L-赖氨酸溶液 (60%或以下) L-Lysine solution (60% or less)	Z	P	3	2G	Open	No			Yes	O	No	AC	No	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
465	<u>氯化镁溶液</u> <u>Magnesium chloride solution</u>	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
466	<u>氢氧化镁浆</u> <u>Magnesium hydroxide slurry</u>	Z	S	3	2G	Open	No	=	=	NF	O	No	No	No	16.2.9
467	<u>长链烷芳基磺酸镁 (C11-C50)</u> <u>Magnesium long-chain alkaryl sulphonate (C11-C50)</u>	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
468	<u>长链烷基水杨酸镁 (C11+)</u> <u>Magnesium long-chain alkyl salicylate (C11+)</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
469	<u>顺丁烯二酐</u> <u>Maleic anhydride</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	AC(f)	Yes	15.12, 15.17, 15.19, 16.2.9
470	<u>马来酸酐-烯丙基磺酸钠共聚物溶液</u> <u>Maleic anhydride-sodium allylsulphonate copolymer solution</u>	Z	P	3	2G	Open	No			Yes	O	No	ABC	No	
471	<u>芒果核油</u> <u>Mango kernel oil</u>	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
472	<u>巯基苯并噻唑, 钠盐溶液</u> <u>Mercaptobenzothiazol, sodium salt solution</u>	X	S/P	2	2G	Open	No			NF	O	No	No	No	15.19.6, 16.2.9
473	<u>异亚丙基丙酮</u> <u>Mesityl oxide</u>	Z	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
474	<u>变位钠溶液</u> <u>Metam sodium solution</u>	X	S/P	2	2G	Cont	No	=	=	NF	C	T	No	No	15.12.3, 15.12.4, 15.19
475	<u>甲基丙烯酸</u> <u>Methacrylic acid</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.13, 15.12.3, 15.12.4, 15.19, 16.2.9, 16.6.1
476	<u>甲基丙烯酸-烷氧基聚(氧化烯)甲基丙烯酸酯共聚物, 钠盐溶液 (45%或以下)</u> <u>Methacrylic acid - alkoxy poly (alkylene oxide) methacrylate copolymer, sodium salt aqueous solution (45% or less)</u>	Z	S/P	3	2G	Open	No	=	=	NF	O	No	No	No	16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
477	<u>二氯乙烯中的甲基丙烯酸树脂</u> <u>Methacrylic resin in ethylene dichloride</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
478	<u>甲基丙烯腈</u> <u>Methacrylonitrile</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.13, 15.17, 15.19</u>
479	<u>3-甲氧基-1-丁酮</u> <u>3-Methoxy-1-butanol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
480	<u>3-甲氧基乙酸丁酯</u> <u>3-Methoxybutyl acetate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
481	<u>N-(2-甲氧基-1-甲基乙基)-2-乙基-6-甲基乙酰氯苯胺</u> <u>N-(2-Methoxy-1-methyl ethyl)-2-ethyl-6-methyl chloroacetanilide</u>	<u>X</u>	<u>S/P</u>	<u>1</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19, 16.2.6</u>
482	<u>乙酸甲酯</u> <u>Methyl acetate</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
483	<u>乙酰乙酸甲酯</u> <u>Methyl acetoacetate</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
484	<u>丙烯酸甲酯</u> <u>Methyl acrylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.13, 15.19, 16.6.1, 16.6.2</u>
485	<u>甲醇 (*)</u> <u>Methyl alcohol (*)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.1, 15.12.2, 15.12.3.2, 15.12.3.3, 15.12.4, 15.17, 15.19</u>
486	<u>甲胺溶液 (42%或以下)</u> <u>Methylamine solutions (42% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
487	<u>乙酸甲基戊酯</u> <u>Methylamyl acetate</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
488	<u>甲基戊基醇</u> <u>Methylamyl alcohol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
489	甲基戊基酮 Methyl amyl ketone	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	F	ABC	No	15.19.6
490	N-甲基苯胺 N-Methylaniline	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
491	α -甲基苯甲醇含苯乙酮（15%或以下） alpha-Methylbenzyl alcohol with acetophenone (15% or less)	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
492	甲基丁烯醇 Methylbutenol	Y	S/P	3	2G	Cont	No	T4	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
493	甲基叔丁基醚 Methyl tert-butyl ether	Z	P	3	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
494	甲基丁基酮 Methyl butyl ketone	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6
495	甲基丁炔醇 Methylbutynol	Z	S/P	3	2G	Cont	No	T4	IIB	No	R	F	AC	No	15.19.6
496	丁酸甲酯 Methyl butyrate	Y	S/P	3	2G	Cont	No	T4	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
497	甲基环己烷 Methylcyclohexane	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
498	甲基环戊二烯二聚物 Methylcyclopentadiene dimer	Y	S/P	2	2G	Cont	No	T4	IIB	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
499	甲基环戊二烯基三羰基锰 Methylcyclopentadienyl manganese tricarbonyl	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.18, 15.19, 16.2.9
500	甲基二乙醇胺 Methyl diethanolamine	Y	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
501	<u>2-甲基-6-乙基苯胺</u> <u>2-Methyl-6-ethyl aniline</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
502	<u>甲基乙基酮</u> <u>Methyl ethyl ketone</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
503	<u>2-甲基-5-乙基吡啶</u> <u>2-Methyl-5-ethyl pyridine</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
504	<u>甲酸甲酯</u> <u>Methyl formate</u>	<u>Z</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.14, 15.19.6</u>
505	<u>2-甲基戊二腈含 2-乙基丁二腈 (12%或以下)</u> <u>2-Methylglutaronitrile with 2-Ethylsuccinonitrile (12% or less)</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19</u>
506	<u>2-甲基-2-羟基-3-丁炔</u> <u>2-Methyl-2-hydroxy-3-butyne</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
507	<u>甲基异丁基酮</u> <u>Methyl isobutyl ketone</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
508	<u>甲基丙烯酸甲酯</u> <u>Methyl methacrylate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.13, 15.19.6, 16.6.1, 16.6.2</u>
509	<u>3-甲基-3-甲氧基丁醇</u> <u>3-Methyl-3-methoxybutanol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
510	<u>甲基萘 (熔融的)</u> <u>Methyl naphthalene (molten)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
511	<u>N-甲基甲胺甲酯溶液 (70%或以下)</u> <u>N-Methylglucamine solution (70% or less)</u>	<u>Z</u>	<u>S</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
512	<u>2-甲基-1,3-丙二醇</u> <u>2-Methyl-1,3-propanediol</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
513	2-甲基吡啶 2-Methylpyridine	Z	S/P	3	2G	Cont	No	T1	IIA	No	C	F	AC	No	15.12.3.2, 15.19
514	3-甲基吡啶 3-Methylpyridine	Z	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19
515	4-甲基吡啶 4-Methylpyridine	Z	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19, 16.2.9
516	N-甲基-2-吡咯烷酮 N-Methyl-2-pyrrolidone	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6
517	甲基丙酮 Methyl propyl ketone	Z	S	3	2G	Cont	No	T1	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
518	水杨酸甲酯 Methyl salicylate	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	15.12, 15.17, 15.19.6
519	α-甲基苯乙烯 alpha-Methylstyrene	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	AD(j)	No	15.12, 15.13, 15.17, 15.19.6, 16.6.1, 16.6.2
520	3-(甲硫基)丙醛 3-(Methylthio)propionaldehyde	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12, 15.17, 15.19.6
521	聚硫化钼长链烷基二硫脲复合体 Molybdenum polysulphide long chain alkyl dithiocarbamide complex	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
522	吗啉 Morpholine	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12.3, 15.12.4, 15.19
523	内燃机燃料抗爆化合物(含烷基铅) Motor fuel anti-knock compound (containing lead alkyls)	X	S/P	1	1G	Cont	Inert	T4	IIA	No	C	FT	AC	Yes	15.6, 15.12, 15.17, 15.18, 15.19
524	月桂烯 Myrcene	X	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
525	<u>萘（熔融的）</u> <u>Naphthalene (molten)</u>	X	S/P	2	2G	Cont	No	T1	IIA	Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19.6, 16.2.9</u>
526	<u>萘原油（熔融的）</u> <u>Naphthalene crude (molten)</u>	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19.6, 16.2.6, 16.2.9</u>
527	<u>萘磺酸-甲醛共聚物，钠盐溶液</u> <u>Naphthalenesulphonic acid-Formaldehyde copolymer, sodium salt solution</u>	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	<u>16.2.9</u>
528	<u>新癸酸</u> <u>Neodecanoic acid</u>	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	<u>15.12.3, 15.12.4, 15.19.6</u>
529	<u>硝化酸（硫酸和硝酸混合物）</u> <u>Nitrating acid (mixture of sulphuric and nitric acids)</u>	Y	S/P	1	1G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.16.2, 15.17, 15.18, 15.19</u>
530	<u>硝酸（70%及以上）</u> <u>Nitric acid (70% and over)</u>	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.16.2, 15.17, 15.19</u>
531	<u>硝酸（70%以下）</u> <u>Nitric acid (less than 70%)</u>	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	<u>15.11, 15.12, 15.17, 15.19</u>
532	<u>次氨基三乙酸，三钠盐溶液</u> <u>Nitritotriacetic acid, trisodium salt solution</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	AC	No	<u>15.12, 15.17, 15.19.6</u>
533	<u>硝基苯</u> <u>Nitrobenzene</u>	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19, 16.2.9</u>
534	<u>硝基乙烷</u> <u>Nitroethane</u>	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	ABC(f)	No	<u>15.12.3, 15.12.4, 15.19.6, 16.6.1, 16.6.2, 16.6.4</u>
535	<u>硝基乙烷（80%）/硝基丙烷（20%）</u> <u>Nitroethane (80%)/ Nitropropane (20%)</u>	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	ABC(f)	No	<u>15.12.3, 15.12.4, 15.19.6, 16.6.1, 16.6.2, 16.6.3</u>
536	<u>硝基乙烷、1-硝基丙烷（各15%或以上）混合物</u> <u>Nitroethane, 1-Nitropropane (each 15% or more) mixture</u>	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	ABC(f)	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.6.1, 16.6.2, 16.6.3</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
537	<u>邻-硝基苯酚（熔融的）</u> <u>o-Nitrophenol (molten)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
538	<u>1-或 2-硝基丙烷</u> <u>1- or 2-Nitropropane</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12, 15.17, 15.19</u>
539	<u>硝基丙烷（60%）/硝基乙烷（40%）混合物</u> <u>Nitropropane (60%)/Nitroethane (40%) mixture</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC(f)</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
540	<u>邻或对硝基甲苯</u> <u>o- or p-Nitrotoluenes</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>		<u>IIB</u>	<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
541	<u>壬烷（所有异构体）</u> <u>Nonane (all isomers)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
542	<u>壬酸（所有异构体）</u> <u>Nonanoic acid (all isomers)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
543	<u>非食用工业级棕榈油</u> <u>Non-edible industrial grade palm oil</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
544	<u>壬烯（所有异构体）</u> <u>Nonene (all isomers)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
545	<u>壬醇（所有异构体）</u> <u>Nonyl alcohol (all isomers)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
546	<u>壬基甲基丙烯酸酯单体</u> <u>Nonyl methacrylate monomer</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
547	<u>壬基酚</u> <u>Nonylphenol</u>	<u>X</u>	<u>S/P</u>	<u>1</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>C</u>	<u>T</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.6, 16.2.9</u>
548	<u>壬基苯酚聚（4+）乙氧醚</u> <u>Nonylphenol poly(4+)ethoxylate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>:</u>	<u>:</u>	<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
549	有毒液体，不易燃的，（1）未另列明的（商品名…，含有…） 1 型船，X 类 Noxious liquid, NF, (1) n.o.s. (trade name, contains) ST1, Cat. X	X	P	1	2G	Open	No	-	-	Yes	O	No	AC	No	15.19, 16.2.6
550	有毒液体，易燃的，（2）未另列明的（商品名…，含有…） 1 型船，X 类 Noxious liquid, F, (2) n.o.s. (trade name, contains) ST1, Cat. X	X	P	1	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19, 16.2.6
551	有毒液体，不易燃的，（3）未另列明的（商品名…，含有…） 2 型船，X 类 Noxious liquid, NF, (3) n.o.s. (trade name, contains) ST2, Cat. X	X	P	2	2G	Open	No	-		Yes	O	No	AC	No	15.19, 16.2.6
552	有毒液体，易燃的，（4）未另列明的（商品名…，含有…） 2 型船，X 类 Noxious liquid, F, (4) n.o.s. (trade name, contains) ST2, Cat. X	X	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19, 16.2.6
553	有毒液体，不易燃的，（5）未另列明的（商品名…，含有…） 2 型船，Y 类 Noxious liquid, NF, (5) n.o.s. (trade name, contains) ST2, Cat. Y	Y	P	2	2G	Open	No	-		Yes	O	No	AC	No	15.19, 16.2.6, 16.2.9(l)
554	有毒液体，易燃的，（6）未另列明的（商品名…，含有…） 2 型船，Y 类 Noxious liquid, F, (6) n.o.s. (trade name, contains) ST2, Cat. Y	Y	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19, 16.2.6, 16.2.9(l)

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
555	有毒液体，不易燃的，(7)未另列明的(商品名…，含有…) 3型船，Y类 Noxious liquid, NF, (7) n.o.s. (trade name, contains) ST3, Cat. Y	Y	P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19, 16.2.6, 16.2.9(l)
556	有毒液体，易燃的，(8)未另列明的(商品名…，含有…) 3型船，Y类 Noxious liquid, F, (8) n.o.s. (trade name, contains) ST3, Cat. Y	Y	P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19, 16.2.6, 16.2.9(l)
557	有毒液体，不易燃的，(9)未另列明的(商品名…，含有…) 3型船，Z类 Noxious liquid, NF, (9) n.o.s. (trade name, contains) ST3, Cat. Z	Z	P	3	2G	Open	No	-		Yes	O	No	AC	No	
558	有毒液体，易燃的，(10)未另列明的(商品名…，含有…) 3型船，Z类 Noxious liquid, F, (10) n.o.s. (trade name, contains) ST3, Cat. Z	Z	P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
559	八甲基环四硅氯烷 Octamethylcyclotetrasiloxane	Y	P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6, 16.2.9
560	辛烷(所有异构体) Octane (all isomers)	X	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
561	辛酸(所有异构体) Octanoic acid (all isomers)	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
562	辛醇(所有异构体) Octanol (all isomers)	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
563	辛烯(所有异构体) Octene (all isomers)	Y	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
564	乙酸正辛酯 <u>n-Octyl acetate</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
565	辛醛 <u>Octyl aldehydes</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
566	辛基癸基己二酸酯 <u>Octyl decyl adipate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
567	正-辛基硫醇 <u>n-Octyl mercaptan</u>	<u>X</u>	<u>S/P</u>	<u>1</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19</u>
568	海洋污染散装液体, 污染危害 (o) <u>Offshore contaminated bulk liquid P (o)</u>	<u>X</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
569	海洋污染散装液体, 安全危害 (o) <u>Offshore contaminated bulk liquid S (o)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>AC</u>	<u>Yes</u>	<u>15.12, 15.15, 15.17, 15.19</u>
570	烯烷基酯共聚物 (分子量 2000+) <u>Olefin-Alkyl ester copolymer (molecular weight 2000+)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
571	烯烃混合物 (C7-C9) 富含 C8, 稳定的 <u>Olefin Mixture (C7-C9) C8 rich, stabilized</u>	<u>X</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.13, 15.19.6</u>
572	烯烃混合物 (C5-C7) <u>Olefin mixtures (C5-C7)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
573	烯烃混合物 (C5-C15) <u>Olefin mixtures (C5-C15)</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6</u>
574	烯烃 (C13+, 所有异构体) <u>Olefins (C13+, all isomers)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
575	α -烯烃混合物 (C6-C18) <u>alpha-Olefins (C6-C18) mixtures</u>	<u>X</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T4</u>	<u>IIA</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
576	油酸 Oleic acid	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.9
577	发烟硫酸 Oleum	Y	S/P	2	2G	Cont	Dry	=	=	NF	C	T	No	Yes	15.11.2 to 15.11.8 , 15.12 , 15.16.2 , 15.17 , 15.19 , 16.2.6
578	油酰胺 Oleylamine	X	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12 , 15.17 , 15.19 , 16.2.9
579	橄榄油 Olive oil	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
580	氧化脂族烃混合物 Oxygenated aliphatic hydrocarbon mixture	Z	S/P	3	2G	Open	No	=	=	Yes	O	No	ABC	No	
581	棕榈酸油 Palm acid oil	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
582	棕榈脂肪酸馏出物 Palm fatty acid distillate	Y	S/P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
583	棕榈仁酸油 Palm kernel acid oil	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
584	棕榈仁脂肪酸馏出物 Palm kernel fatty acid distillate	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
585	棕榈仁油 Palm kernel oil	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
586	棕榈仁油脂 Palm kernel olein	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9
587	棕榈仁硬脂精 Palm kernel stearin	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.7 , 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
588	棕榈中间馏分 Palm mid-fraction	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
589	棕榈油 Palm oil	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
590	棕榈油脂肪酸甲酯 Palm oil fatty acid methyl ester	Y	P	2	2G	Open	No	=	=	Yes	O	No	AC	No	15.19.6, 16.2.9
591	棕榈油精 Palm olein	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
592	棕榈硬脂精 Palm stearin	Y	P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
593	石蜡, 高精制的 Paraffin wax, highly-refined	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
594	石蜡, 半精制的 Paraffin wax, semi-refined	X	S/P	2	2G	Cont	No	=	=	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
595	三聚乙醛 Paraldehyde	Z	S/P	3	2G	Cont	No	T3	IIB	No	R	F	AC	No	15.19.6, 16.2.9
596	三聚乙醛-氨反应产物 Paraldehyde-ammonia reaction product	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	ABC	Yes	15.12, 15.17, 15.19
597	五氯乙烷 Pentachloroethane	Y	S/P	2	2G	Cont	No			NF	C	T	No	No	15.12, 15.17, 15.19.6
598	1,3-戊二烯 1,3-Pentadiene	Y	P	3	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.13, 15.19.6, 16.6.1, 16.6.2, 16.6.3
599	1,3-戊二烯 (大于 50%), 环戊烯及其异构体混合物 1,3-Pentadiene (greater than 50%), cyclopentene and isomers, mixtures	Y	S/P	2	2G	Cont	Inert	T3	IIB	No	C	FT	ABC	Yes	15.12, 15.13, 15.17, 15.19

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
600	五亚乙基六甲胺 Pentaethylenhexamine	X	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
601	戊烷（所有异构体） Pentane (all isomers)	Y	P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.14, 15.19.6
602	戊酸 Pentanoic acid	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
603	正戊酸（64%）/2-甲基丁酸（36%）混合物 n-Pentanoic acid (64%)/2-Methyl butyric acid (36%) mixture	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19
604	戊烯（所有异构体） Pentene (all isomers)	Y	P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.14, 15.19.6
605	丙酸正戊酯 n-Pentyl propionate	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
606	四氯乙烯 Perchloroethylene	Y	S/P	2	2G	Cont	No			NF	C	T	No	No	15.12, 15.17, 15.19.6
607	苯酚 Phenol	Y	S/P	2	2G	Cont	No	T1	IIA	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
608	1-苯基-1-二甲苯基乙烷 1-Phenyl-1-xylyl ethane	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6
609	烷基（C12-C14）胺磷酸酯 Phosphate esters, alkyl (C12-C14) amine	Y	S/P	2	2G	Cont	No	T4	IIB	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
610	磷酸 Phosphoric acid	Z	S/P	3	2G	Cont	No			NF	C	T	No	Yes	15.11.1, 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
611	<u>磷, 黄的或白的 (*)</u> Phosphorus, yellow or white (*)	X	S/P	1	1G	Cont	Pad+(vent or inert)			No(e)	C	No	ABC	No	<u>15.7, 15.19, 16.2.9</u>
612	<u>邻苯二甲酸酐 (熔融的)</u> Phthalic anhydride (molten)	Y	S/P	2	2G	Cont	No	T1	IIA	Yes	C	T	ABC	Yes	<u>15.12, 15.17, 15.19, 16.2.6, 16.2.9</u>
613	<u>α-蒎烯</u> alpha-Pinene	X	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	<u>15.19.6</u>
614	<u>β-蒎烯</u> beta-Pinene	X	S/P	2	2G	Cont	No	T1	IIB	No	R	F	ABC	No	<u>15.19.6</u>
615	<u>松油</u> Pine oil	X	S/P	2	2G	Open	No			Yes	O		ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>
616	<u>哌嗪, 68%溶液</u> Piperazine, 68% solution	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	<u>15.12, 15.17, 15.19, 16.2.6, 16.2.9</u>
617	<u>聚丙烯酸溶液 (40%或以下)</u> Polyacrylic acid solution (40% or less)	Z	S/P	3	2G	Open	No	=	=	Yes	O	No	AC	No	
618	<u>二甲苯中的聚烷 (C18-C22) 丙烯酸酯</u> Polyalkyl (C18-C22) acrylate in xylene	Y	S/P	2	2G	Cont	No	T1	IIB	No	R	FT	ABC	No	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
619	<u>聚烯炔琥珀酰亚胺, 硫氧化钼</u> Polyalkylalkenaminesuccinimide, molybdenum oxysulphide	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6, 16.2.6</u>
620	<u>聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚</u> Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	
621	<u>聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚乙酸酯</u> Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	<u>15.19.6</u>
622	<u>聚烷 (C10-C20) 甲基丙烯酸酯</u> Polyalkyl (C10-C20) methacrylate	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6, 16.2.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
623	聚烷（C10-C18）甲基丙烯酸酯/乙烯-丙烯共聚物混合物 Polyalkyl (C10-C18) methacrylate/ethylene-propylene copolymer mixture	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
624	氯化铝溶液 Polyaluminium chloride solution	Z	S	3	2G	Open	No			NF	O	No	No	No	
625	聚丁烯 Polybutene	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6
626	聚丁烯琥珀酰亚胺 Polybutenyl succinimide	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
627	聚（2+）环芳香族化合物 Poly(2+)cyclic aromatics	X	S/P	1	2G	Cont	No			Yes	C	T	ABC	No	15.12, 15.17, 15.19, 16.2.6, 16.2.9
628	聚醚（分子量 1350+） Polyether (molecular weight 1350+)	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6
629	聚乙二醇 Polyethylene glycol	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
630	聚乙二醇二甲醚 Polyethylene glycol dimethyl ether	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	
631	聚（乙二醇）甲基丁烯基醚（分子量>1000） Poly(ethylene glycol) methylbutenyl ether (MW>1000)	Z	P	3	2G	Open	No	=	=	Yes	O	No	AC	No	16.2.9
632	聚乙烯聚胺 Polyethylene polyamines	Y	S/P	2	2G	Cont	No	=	=	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
633	聚乙烯聚胺（含 50%以上的 C5-C20 石蜡） Polyethylene polyamines (more than 50% C5-C20 paraffin oil)	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
634	聚硫酸铁溶液 Polyferric sulphate solution	Y	S/P	3	2G	Cont	No			NF	C	T	No	Yes	15.12, 15.17, 15.19

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
635	<u>聚(亚氨基乙烯)接枝-N-聚(氧化乙烯)溶液(90%或以下)</u> <u>Poly(iminoethylene)-graft-N-poly(ethyleneoxy) solution (90% or less)</u>	Z	S/P	3	2G	Open	No	=	=	NF	O	No	No	No	16.2.9
636	<u>聚异丁烯胺, 在脂肪族(C10-C14)溶剂中</u> <u>Polyisobutenamine in aliphatic (C10-C14) solvent</u>	Y	S/P	2	2G	Cont	No	=	=	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
637	<u>(聚异丁烯)氨基产品, 在脂肪烃中</u> <u>(Polyisobutene) amino products in aliphatic hydrocarbons</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
638	<u>聚异丁烯酐加合物</u> <u>Polyisobutenyl anhydride adduct</u>	Z	S/P	3	2G	Open	No			Yes	O	No	ABC	No	
639	<u>聚(4+)异丁烯(分子量>224)</u> <u>Poly(4+)isobutylene (MW>224)</u>	X	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
640	<u>聚异丁烯(分子量不超过224)</u> <u>Polyisobutylene (MW≤224)</u>	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
641	<u>聚甘油, 钠盐溶液(含少于3%氢氧化钠)</u> <u>Polyglycerin, sodium salt solution (containing less than 3% sodium hydroxide)</u>	Z	S	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
642	<u>聚亚甲基聚苯基异氰酸酯</u> <u>Polymethylene polyphenyl isocyanate</u>	Y	S/P	3	2G	Cont	Dry			Yes(a)	C	T(a)	AD	Yes	15.12, 15.16.2, 15.17, 15.19.6, 16.2.9
643	<u>聚烯烃(分子量300+)</u> <u>Polyolefin (molecular weight 300+)</u>	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
644	<u>聚烯烃酰胺烯烃胺(C17+)</u> <u>Polyolefin amide alkeneamine (C17+)</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
645	<u>聚烯烃酰胺烯烃胺硼酸酯(C28-C250)</u> <u>Polyolefin amide alkeneamine borate (C28-C250)</u>	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
646	<u>聚烯烃酰胺烷胺多元醇</u> <u>Polyolefin amide alkeneamine polyol</u>	Y	P	2	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
647	<u>聚烯烃胺 (C28-C250)</u> <u>Polyolefinamine (C28-C250)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.9</u>
648	<u>烷基 (C2-C4) 苯中的聚烯烃胺</u> <u>Polyolefinamine in alkyl (C2-C4) benzenes</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
649	<u>芳香族溶剂中的聚烯烃胺</u> <u>Polyolefinamine in aromatic solvent</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
650	<u>聚烯烃氨基酯盐 (分子量 2000+)</u> <u>Polyolefin aminoester salts (molecular weight 2000+)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
651	<u>聚烯烃酐</u> <u>Polyolefin anhydride</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
652	<u>聚烯烃酯 (C28-C250)</u> <u>Polyolefin ester (C28-C250)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
653	<u>聚烯烃苯酚胺 (C28-C250)</u> <u>Polyolefin phenolic amine (C28-C250)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
654	<u>聚烯烃硫化磷, 钡衍生物 (C28-C250)</u> <u>Polyolefin phosphorosulphide, barium derivative (C28-C250)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
655	<u>聚 (20) 氧乙烯脱水山梨 (糖) 醇单油酸</u> <u>Poly(20)oxyethylene sorbitan monooleate</u>	<u>Y</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>
656	<u>聚 (5+) 丙烯</u> <u>Poly(5+)propylene</u>	<u>Y</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
657	<u>聚丙烯二醇</u> <u>Polypropylene glycol</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>15.19.6</u>
658	<u>聚硅氧烷</u> <u>Polysiloxane</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T2</u>	<u>IIB</u>	<u>No</u>	<u>R</u>	<u>F</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
659	氯化钾溶液 Potassium chloride solution	Z	P	3	2G	Open	No	:	:	NF	O	No	No	No	16.2.9
660	氢氧化钾溶液 (*) Potassium hydroxide solution (*)	Y	S/P	3	2G	Open	No			NF	C	No	No	No	15.12.3.2, 15.19
661	甲酸钾溶液 (*) Potassium formate solutions (*)	Z	S	3	2G	Open	No			NF	R	No	No	No	15.19.6
662	油酸钾 Potassium oleate	Y	S/P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
663	硫代硫酸钾 (50%或以下) Potassium thiosulphate (50% or less)	Y	S/P	3	2G	Cont	No			NF	R	T	No	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
664	正丙醇胺 n-Propanolamine	Y	S/P	3	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.9
665	2-丙烯-1-氨, N,N-二甲基-N-2-丙烯基, 氯化, 均聚物溶液 2-Propene-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, homopolymer solution	Y	P	3	2G	Open	No	:	:	NF	O	No	No	No	15.19.6
666	β-丙内酯 beta-Propiolactone	Y	S/P	1	2G	Cont	No		IIA	Yes	C	T	AC	Yes	15.12, 15.17, 15.18, 15.19
667	丙醛 Propionaldehyde	Y	S/P	3	2G	Cont	Inert	T4	IIB	No	R	F	AC	No	15.19.6
668	丙酸 Propionic acid	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19
669	丙酸酐 Propionic anhydride	Y	S/P	2	2G	Cont	No	T2	IIA	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
670	丙腈 Propionitrile	Y	S/P	1	1G	Cont	No	T1	IIB	No	C	FT	AC	Yes	15.12, 15.17, 15.18, 15.19

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
671	正乙酸丙酯 n-Propyl acetate	Y	P	3	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
672	正丙醇 n-Propyl alcohol	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6
673	正丙胺 n-Propylamine	Z	S/P	2	2G	Cont	Inert	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19
674	丙苯（所有异构体） Propylbenzene (all isomers)	Y	P	3	2G	Cont	No	T2	IIA	No	R	F	ABC	No	15.19.6
675	碳酸丙烯 Propylene carbonate	Z	S	3	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
676	丙二醇甲基醚乙酸酯 Propylene glycol methyl ether acetate	Z	P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	
677	丙二醇单烷基醚 Propylene glycol monoalkyl ether	Z	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6
678	丙二醇苯基醚 Propylene glycol phenyl ether	Z	S/P	3	2G	Open	No			Yes	O	No	ABC	No	
679	1,2-环氧丙烷 Propylene oxide	Y	S/P	2	2G	Cont	Inert	T2	IIB	No	C	FT	AC	No	15.8, 15.12, 15.14, 15.17, 15.19
680	四聚丙烯 Propylene tetramer	X	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
681	三聚丙烯 Propylene trimer	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
682	吡啶 Pyridine	Y	S/P	3	2G	Cont	No	T1	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
683	<u>裂解汽油 (含苯)</u> <u>Pyrolysis gasoline (containing benzene)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T3</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
684	<u>菜籽油</u> <u>Rapeseed oil</u>	<u>Y</u>	<u>P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
685	<u>菜籽油 (低芥酸含 4%以下的游离脂肪酸)</u> <u>Rapeseed oil (low erucic acid containing less than 4% free fatty acids)</u>	<u>Y</u>	<u>P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
686	<u>菜籽油脂肪酸甲醚</u> <u>Rape seed oil fatty acid methyl esters</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6</u>
687	<u>树脂油, 提炼的</u> <u>Resin oil, distilled</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.17, 15.19.6</u>
688	<u>米糠油</u> <u>Rice bran oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
689	<u>松香</u> <u>Rosin</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>AC</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
690	<u>红花油</u> <u>Safflower oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
691	<u>牛油果油</u> <u>Shea butter</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>=</u>	<u>=</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7, 16.2.9</u>
692	<u>烷基 (C14-C17) 磺酸钠 (60-65%溶液)</u> <u>Sodium alkyl (C14-C17) sulphonates (60-65% solution)</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>R</u>	<u>T</u>	<u>No</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9</u>
693	<u>铝硅酸钠浆液</u> <u>Sodium aluminosilicate slurry</u>	<u>Z</u>	<u>P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>16.2.9</u>
694	<u>苯甲酸钠</u> <u>Sodium benzoate</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
695	<u>硼氢化钠（15%或以下）/氢氧化钠溶液（*）</u> Sodium borohydride (15% or less)/Sodium hydroxide solution (*)	Y	S/P	3	2G	Open	No			NF	C	No	No	No	15.19, 16.2.6, 16.2.9
696	<u>溴化钠溶液（50%以下）（*）</u> Sodium bromide solution (less than 50%) (*)	Y	S/P	3	2G	Open	No	-	-	NF	R	No	No	No	15.19.6
697	<u>碳酸钠溶液（*）</u> Sodium carbonate solution (*)	Z	S/P	3	2G	Open	No			NF	R	No	No	No	15.19.6
698	<u>氯酸钠溶液（50%或以下）（*）</u> Sodium chlorate solution (50% or less) (*)	Z	S/P	3	2G	Open	No			NF	R	No	No	No	15.9, 15.12, 15.19, 16.2.9
699	<u>重铬酸钠溶液（70%或以下）</u> Sodium dichromate solution (70% or less)	Y	S/P	1	1G	Cont	No			NF	C	T	No	Yes	15.12, 15.17, 15.18, 15.19
700	<u>硫化钠（6%或以下）/碳酸钠（3%或以下）溶液</u> Sodium hydrogen sulphide (6% or less)/Sodium carbonate (3% or less) solution	Z	S/P	3	2G	Open	No			NF	O	No	No	No	15.19.6, 16.2.9
701	<u>亚硫酸氢钠溶液（45%或以下）</u> Sodium hydrogen sulphite solution (45% or less)	Z	P	3	2G	Open	No			NF	O	No	No	No	16.2.9
702	<u>硫化钠/硫化铵溶液（*）</u> Sodium hydrosulphide/Ammonium sulphide solution (*)	Y	S/P	2	2G	Cont	No	T4	IIB	No	C	FT	AC	Yes	15.12, 15.15, 15.17, 15.19, 16.6.1, 16.6.2, 16.6.3
703	<u>硫化钠溶液（45%或以下）（*）</u> Sodium hydrosulphide solution (45% or less) (*)	Z	S/P	3	2G	Cont	Vent or pad (gas)			NF	R	T	No	Yes	15.12, 15.15, 15.19.6, 16.2.9
704	<u>氢氧化钠溶液（*）</u> Sodium hydroxide solution (*)	Y	S/P	3	2G	Open	No			NF	C	No	No	No	15.19, 16.2.6, 16.2.9
705	<u>次氯酸钠溶液（15%或以下）</u> Sodium hypochlorite solution (15% or less)	Y	S/P	2	2G	Cont	No	-	-	NF	R	No	No	No	15.17, 15.19.6
706	<u>甲醇中的丙烯酸钠（21-30%）</u> Sodium methacrylate 21-30% in methyl alcohol	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.6 (only if >28%), 16.2.9

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
707	<u>亚硝酸钠溶液</u> <u>Sodium nitrite solution</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>No</u>	<u>15.12.3, 15.12.4, 15.19,</u> <u>16.2.6, 16.2.9</u>
708	<u>石油磺酸钠</u> <u>Sodium petroleum sulphonate</u>	<u>Y</u>	<u>S/P</u>	<u>2</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>Yes</u>	<u>R</u>	<u>T</u>	<u>ABC</u>	<u>Yes</u>	<u>15.12.3, 15.12.4, 15.19.6,</u> <u>16.2.6</u>
709	<u>聚(4+)丙烯酸钠溶液</u> <u>Sodium poly(4+)acrylate solutions</u>	<u>Z</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>AC</u>	<u>No</u>	<u>16.2.9</u>
710	<u>硅酸钠溶液</u> <u>Sodium silicate solution</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
711	<u>硫酸钠溶液</u> <u>Sodium sulphate solutions</u>	<u>Z</u>	<u>S</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>16.2.9</u>
712	<u>硫化钠溶液 (15%或以下)</u> <u>Sodium sulphide solution (15% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>			<u>NF</u>	<u>C</u>	<u>T</u>	<u>No</u>	<u>Yes</u>	<u>15.12, 15.17, 15.19, 16.2.9</u>
713	<u>亚硫酸钠溶液 (25%或以下)</u> <u>Sodium sulphite solution (25% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
714	<u>硫氰酸钠溶液 (56%或以下)</u> <u>Sodium thiocyanate solution (56% or less)</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>NF</u>	<u>O</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
715	<u>大豆油</u> <u>Soyabean oil</u>	<u>Y</u>	<u>S/P</u>	<u>2(k)</u> <u>1</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.7,</u> <u>16.2.9</u>
716	<u>大豆油脂肪酸甲酯</u> <u>Soybean Oil Fatty Acid Methyl Ester</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>			<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.9</u>
717	<u>苯乙烯单体</u> <u>Styrene monomer</u>	<u>Y</u>	<u>S/P</u>	<u>3</u>	<u>2G</u>	<u>Cont</u>	<u>No</u>	<u>T1</u>	<u>IIA</u>	<u>No</u>	<u>C</u>	<u>FT</u>	<u>ABC</u>	<u>No</u>	<u>15.12, 15.13, 15.17, 15.19.6,</u> <u>16.6.1, 16.6.2</u>
718	<u>硫烃 (C3-C88)</u> <u>Sulphohydrocarbon (C3-C88)</u>	<u>Y</u>	<u>P</u>	<u>2</u>	<u>2G</u>	<u>Open</u>	<u>No</u>	<u>-</u>	<u>-</u>	<u>Yes</u>	<u>O</u>	<u>No</u>	<u>ABC</u>	<u>No</u>	<u>15.19.6, 16.2.6, 16.2.9</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
719	环丁砜 Sulpholane	Y	S/P	3	2G	Open	No			Yes	O	No	AC	No	15.19.6, 16.2.9
720	硫（熔融的）（*） Sulphur (molten) (*)	Z	S	3	1G	Open	Vent or pad (gas)	T3		Yes	O	FT	No	No	15.10, 16.2.9
721	硫酸 Sulphuric acid	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	15.11, 15.12, 15.16.2, 15.17, 15.19, 16.2.9
722	硫酸，废液 Sulphuric acid, spent	Y	S/P	2	2G	Cont	No			NF	C	T	No	Yes	15.11, 15.12, 15.16.2, 15.17, 15.19
723	硫化脂肪（C14-C20） Sulphurized fat (C14-C20)	Z	S/P	3	2G	Open	No			Yes	O	No	ABC	No	
724	硫化聚烯烃酰胺烯烃（C28-C250）胺 Sulphurized polyolefinamide alkene (C28-C250) amine	Z	P	3	2G	Open	No	:	:	Yes	O	No	AC	No	
725	葵花籽油 Sunflower seed oil	Y	S/P	2(k)	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
726	妥尔油，粗的 Tall oil, crude	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6
727	妥尔油，提炼的 Tall oil, distilled	Y	P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6
728	妥尔油脂肪酸（树脂酸 20%以下） Tall oil fatty acid (resin acids less than 20%)	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6
729	妥尔油沥青 Tall oil pitch	Y	P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
730	妥尔油皂，粗的 Tall oil soap, crude	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
731	动物脂 Tallow	Y	P	2(k)	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
732	动物脂肪酸 Tallow fatty acid	Y	P	2	2G	Open	No	:	:	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
733	四氯乙烷 Tetrachloroethane	Y	S/P	2	2G	Cont	No			NF	R	T	No	No	15.12.3, 15.12.4, 15.19
734	四甘醇 Tetraethylene glycol	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
735	四亚乙基五胺 Tetraethylene pentamine	Y	S/P	2	2G	Cont	No			Yes	C	T	AC	Yes	15.12, 15.17, 15.19
736	四氢呋喃 Tetrahydrofuran	Z	S	3	2G	Cont	No	T3	IIB	No	R	F	AC	No	15.19.6
737	四氢化萘 Tetrahydronaphthalene	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6
738	四甲苯（所有异构体） Tetramethylbenzene (all isomers)	X	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
739	二氧化钛泥浆 Titanium dioxide slurry	Z	P	3	2G	Open	No			NF	O	No	No	No	
740	甲苯 Toluene	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6
741	甲苯二胺 Toluenediamine	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.18, 15.19, 16.2.6, 16.2.9
742	甲苯二异氰酸酯 Toluene diisocyanate	Y	S/P	2	2G	Cont	Dry	:	:	Yes	C	T	ABC(b)D	Yes	15.12, 15.16.2, 15.17, 15.18, 15.19, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
743	<u>邻甲苯胺</u> <u>o-Toluidine</u>	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19</u>
744	<u>磷酸三丁酯</u> <u>Tributyl phosphate</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6</u>
745	<u>1,2,3-三氯苯（熔融的）</u> <u>1,2,3-Trichlorobenzene (molten)</u>	X	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	<u>15.12.3, 15.12.4, 15.19.6,</u> <u>16.2.6, 16.2.9</u>
746	<u>1,2,4-三氯苯</u> <u>1,2,4-Trichlorobenzene</u>	X	S/P	1	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19, 16.2.9</u>
747	<u>1,1,1-三氯乙烷</u> <u>1,1,1-Trichloroethane</u>	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6</u>
748	<u>1,1,2-三氯乙烷</u> <u>1,1,2-Trichloroethane</u>	Y	S/P	3	2G	Open	No			NF	O	No	No	No	<u>15.19.6</u>
749	<u>三氯乙烯</u> <u>Trichloroethylene</u>	Y	S/P	2	2G	Cont	No	=	=	NF	C	T	No	No	<u>15.12, 15.17, 15.19.6</u>
750	<u>1,2,3-三氯丙烷</u> <u>1,2,3-Trichloropropane</u>	Y	S/P	3	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19</u>
751	<u>1,1,2-三氯-1,2,2-三氟乙烷</u> <u>1,1,2-Trichloro-1,2,2-Trifluoroethane</u>	Y	P	2	2G	Open	No			NF	O	No	No	No	<u>15.19.6</u>
752	<u>磷酸三甲苯酯（含有 1%或以上正异构体）</u> <u>Tricresyl phosphate (containing 1% or more ortho-isomer)</u>	Y	S/P	2	2G	Cont	No	=	=	Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19, 16.2.6</u>
753	<u>磷酸三甲苯酯（含有 1%以下正异构体）</u> <u>Tricresyl phosphate (containing less than 1% ortho-isomer)</u>	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	<u>15.12, 15.17, 15.19.6, 16.2.6</u>
754	<u>十三烷</u> <u>Tridecane</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	<u>15.19.6</u>

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
755	十三酸 Tridecanoic acid	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6 , 16.2.6 , 16.2.9
756	十三烷基乙酸酯 Tridecyl acetate	Y	S/P	3	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3 , 15.12.4 , 15.19.6
757	三乙醇胺 Triethanolamine	Z	S/P	3	2G	Cont	No			Yes	R	T	AC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.9
758	三乙胺 Triethylamine	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12.3 , 15.12.4 , 15.19
759	三乙基苯 Triethylbenzene	X	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3 , 15.12.4 , 15.19.6
760	三亚乙基四胺 Triethylenetetramine	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12 , 15.17 , 15.19 , 16.2.9
761	磷酸三乙酯 Triethyl phosphate	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	15.19.6
762	亚磷酸三乙酯 Triethyl phosphite	Z	S/P	3	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3 , 15.12.4 , 15.19.6 , 16.2.9
763	三异丙醇胺 Triisopropanolamine	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	15.19.6 , 16.2.9
764	三异丙基磷酸苯酯 Triisopropylated phenyl phosphates	X	P	2	2G	Open	No			Yes	O	No	AC	No	15.19.6 , 16.2.6
765	三甲基乙酸 Trimethylacetic acid	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.11 , 15.12.3 , 15.12.4 , 15.19.6 , 16.2.6 , 16.2.9
766	三甲胺溶液 (30%或以下) Trimethylamine solution (30% or less)	Z	S/P	2	2G	Cont	No	T3	IIB	No	R	FT	AC	No	15.12.3 , 15.12.4 , 15.14 , 15.19.6

<u>No.</u>	<u>a</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i'</u>	<u>i''</u>	<u>i'''</u>	<u>j</u>	<u>k</u>	<u>l</u>	<u>n</u>	<u>o</u>
767	三甲苯（所有异构体） <u>Trimethylbenzene (all isomers)</u>	X	S/P	2	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
768	三羟甲基丙烷丙氧基化物 <u>Trimethylol propane propoxylated</u>	Z	S/P	3	2G	Open	No	=	=	Yes	O	No	ABC	No	
769	2,2,4-三甲基-1,3-戊二醇二异丁酸酯 <u>2,2,4-Trimethyl-1,3-pentanediol diisobutyrate</u>	Y	S/P	3	2G	Open	No			Yes	O	No	ABC	No	15.19.6
770	2,2,4-三甲基-1,3-戊二醇-1-异丁酸酯 <u>2,2,4-Trimethyl-1,3-pentanediol-1-isobutyrate</u>	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6
771	1,3,5-三噁烷 <u>1,3,5-Trioxane</u>	Y	S/P	3	2G	Cont	No	T2	IIB	No	C	FT	AC	No	15.12, 15.17, 15.19.6, 16.2.9
772	三聚丙二醇 <u>Tripropylene glycol</u>	Z	P	3	2G	Open	No			Yes	O	No	AC	No	
773	磷酸三二甲苯酯 <u>Trixylyl phosphate</u>	X	S/P	1	2G	Cont	No			Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6
774	桐油 <u>Tung oil</u>	Y	S/P	2(k)	2G	Open	No	=	=	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
775	松节油 <u>Turpentine</u>	X	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	AC	No	15.19.6
776	十一烷酸 <u>Undecanoic acid</u>	Y	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
777	1-十一烷烯 <u>1-Undecene</u>	X	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6
778	十一醇 <u>Undecyl alcohol</u>	X	S/P	2	2G	Cont	No			Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
779	尿素/硝酸铵溶液 Urea/Ammonium nitrate solution	Y	S/P	3	2G	Open	No	:	:	NF	O	No	No	No	15.19.6
780	尿素/磷酸铵溶液 Urea/Ammonium phosphate solution	Y	S/P	2	2G	Cont	No			Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6
781	尿素溶液 Urea solution	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No	16.2.9
782	餐厨废油 (m) Used cooking oil (m)	X	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
783	餐厨废油 (甘油三酯, C16-C18 和 C18 非饱和的) (m) (n) Used cooking oil (Triglycerides, C16-C18 and C18 unsaturated) (m) (n)	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
784	戊醛 (所有异构体) Valeraldehyde (all isomers)	Y	S/P	3	2G	Cont	Inert	T3	IIB	No	R	F	ABC	No	15.4.6, 15.13, 15.19.6, 16.6.1, 16.6.2
785	植物酸油 (m) Vegetable acid oils (m)	Y	S/P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
786	植物脂肪酸馏出物 (m) Vegetable fatty acid distillates (m)	Y	P	2	2G	Open	No	:	:	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
787	植物油混合物, 含有少于 15% 的游离脂肪酸 (m) Vegetable oil mixtures, containing less than 15% free fatty acid (m)	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
788	乙烯乙酸 Vinyl acetate	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12, 15.13, 15.17, 15.19.6, 16.6.1, 16.6.2
789	乙烯基乙醚 Vinyl ethyl ether	Z	S/P	2	2G	Cont	Inert	T3	IIB	No	R	F	ABC	No	15.4, 15.13, 15.14, 15.19.6, 16.6.1, 16.6.2
790	二氯乙烯 Vinylidene chloride	Y	S/P	2	2G	Cont	Inert	T2	IIA	No	C	FT	ABC	No	15.12, 15.13, 15.14, 15.17, 15.19, 16.6.1, 16.6.2

No.	a	c	d	e	f	g	h	i'	i''	i'''	j	k	l	n	o
791	新癸酸乙烯酯 Vinyl neodecanoate	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2
792	乙烯基甲苯 Vinyltoluene	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	ABC	No	15.12, 15.13, 15.17, 15.19.6, 16.6.1, 16.6.2
793	石油溶剂, 低 (15-20%) 芳香烃 White spirit, low (15-20%) aromatic	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
794	含乙酸钠/草酸钠的木质素 Wood lignin with sodium acetate/oxalate	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	
795	二甲苯 Xylenes	Y	P	2	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6, 16.2.9 (h)
796	二甲苯/乙基苯 (10%或以上) 混合物 Xylenes/ethylbenzene (10% or more) mixture	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6
797	二甲苯酚 Xylenol	Y	S/P	2	2G	Cont	No	-	IIA	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.9
798	烷芳基二硫代磷酸锌 (C7-C16) Zinc alkaryl dithiophosphate (C7-C16)	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
799	烷基碳酰胺锌 Zinc alkenyl carboxamide	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6
800	烷基二硫代磷酸锌 (C3-C14) Zinc alkyl dithiophosphate (C3-C14)	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.6

Footnotes to products in chapter 17

Some entries in chapter 17 contain footnotes, as either letters or symbols in parentheses following the name of the product, in column a of the tables. These provide additional information about the carriage requirements for the product. The definitions of these footnotes are included below.

- a If the product to be carried contains flammable solvents such that the flashpoint does not exceed 60°C, then special electrical systems and a flammable-vapour detector shall be provided.
- b Although water is suitable for extinguishing open-air fires involving chemicals to which this footnote applies, water shall not be allowed to contaminate closed tanks containing these chemicals because of the risk of hazardous gas generation.
- c Phosphorus, yellow or white, is carried above its autoignition temperature and therefore flashpoint is not appropriate. Electrical equipment requirements may be similar to those for substances with a flashpoint above 60°C.
- d Requirements are based on those isomers having a flashpoint of 60°C or less; some isomers have a flashpoint greater than 60°C and therefore the requirements based on flammability would not apply to such isomers.
- e Applies to n-decyl alcohol only.
- f Dry chemical shall not be used as fire-extinguishing media.
- g Confined spaces shall be tested for both formic acid vapours and carbon monoxide gas, a decomposition product.
- h Applies to p-xylene only.
- i For mixtures containing no other components with safety hazards and where the pollution category is Y or less.
- j Only certain alcohol-resistant foams are effective.
- k Requirements for Ship Type identified in column e might be subject to regulation 4.1.3 of Annex II of MARPOL.
- l Applicable when the melting point is equal to or greater than 0°C.
- m From vegetable oils, animal fats and fish oils specified in the IBC Code.
- n Confirmation that the product is composed of Triglycerides, C16-C18 and C18 unsaturated shall be required in order for the entry to be used. Otherwise, the more generic entry "Used cooking oil (m)" must be used.
- o Indicates that the entries are to be used solely for backloading of contaminated bulk liquids from offshore installations used in the search and exploitation of seabed mineral resources.
- * Indicates that with reference to chapter 21 of the IBC Code (paragraph 21.1.3), deviations from the normal assignment criteria used for some carriage requirements have been implemented.

Chapter 18 List of products to which the Code does not apply

The complete text of chapter 18 is replaced by the following:

18.1 The following are products which have been reviewed for their safety and pollution hazards and determined not to present hazards to such an extent as to warrant application of the Code.

18.2 Although the products listed in this chapter fall outside the scope of the Code, the attention of Administrations is drawn to the fact that some safety precautions may be needed for their safe transportation. Accordingly, Administrations shall prescribe appropriate safety requirements.

18.3 Some liquid substances are identified as falling into Pollution Category Z and, therefore, subject to certain requirements of MARPOL Annex II.

18.4 Liquid mixtures which are assessed or provisionally assessed under regulation 6.3 of MARPOL Annex II as falling into Pollution Category Z or OS, and which do not present safety hazards, may be carried under the appropriate entry in this chapter for "Noxious or Non-Noxious Liquid Substances, not otherwise specified (n.o.s.)."

CCS18.a The English product name in the list is to prevail in case of a dispute of the Chinese version of the product name.

EXPLANATORY NOTES

Product name The product name shall be used in the shipping document for any cargo offered for bulk shipments. Any additional name may be included in brackets after the product name. In some cases, the product names are not identical with the names given in previous issues of the Code.

Pollution Category The letter Z means the Pollution Category assigned to each product under Annex II of MARPOL. OS means the product was evaluated and found to fall outside Categories X, Y, or Z.

<u>货品名称</u> <u>Product Name</u>	<u>污染类别</u> <u>Pollution Category</u>
丙酮 <u>Acetone</u>	<u>Z</u>
酒精饮料，未另列明的 <u>Alcoholic beverages, n.o.s.</u>	<u>Z</u>
苹果汁 <u>Apple juice</u>	<u>OS</u>
正-丁醇 <u>n-Butyl alcohol</u>	<u>Z</u>
仲-丁醇 <u>sec-Butyl alcohol</u>	<u>Z</u>
碳酸钙浆 <u>Calcium carbonate slurry</u>	<u>OS</u>
黏土泥浆 <u>Clay slurry</u>	<u>OS</u>
煤泥浆 <u>Coal slurry</u>	<u>OS</u>
乙醇 <u>Ethyl alcohol</u>	<u>Z</u>
葡萄糖溶液 <u>Glucose solution</u>	<u>OS</u>
甘油乙氧基酯 <u>Glycerol ethoxylated</u>	<u>OS</u>
氢化淀粉水解液 <u>Hydrogenated starch hydrolysate</u>	<u>OS</u>
异丙醇 <u>Isopropyl alcohol</u>	<u>Z</u>
高岭土浆 <u>Kaolin slurry</u>	<u>OS</u>
卵磷脂 <u>Lecithin</u>	<u>OS</u>
麦芽糖醇溶液 <u>Maltitol solution</u>	<u>OS</u>
硅粉浆 <u>Microsilica slurry</u>	<u>OS</u>
糖蜜 <u>Molasses</u>	<u>OS</u>
有毒液体，（11）未另列明的（商品名....含有....）Z类 <u>Noxious liquid, (11) n.o.s. (trade name contains) Cat.</u> <u>Z</u>	<u>Z</u>
有毒液体，（12）未另列明的（商品名....含有....）OS类	<u>OS</u>

<u>货品名称</u> Product Name	<u>污染类别</u> Pollution Category
<u>Non noxious liquid, (12) n.o.s. (trade name, contains)</u> <u>Cat. OS</u>	
<u>橘汁（浓缩的）</u> <u>Orange juice (concentrated)</u>	<u>OS</u>
<u>橘汁（非浓缩的）</u> <u>Orange juice (not concentrated)</u>	<u>OS</u>
<u>氯化钾溶液（26%以下）</u> <u>Potassium chloride solution (less than 26%)</u>	<u>OS</u>
<u>丙二醇</u> <u>Propylene glycol</u>	<u>OS</u>
<u>乙酸钠溶液</u> <u>Sodium acetate solutions</u>	<u>Z</u>
<u>碳酸氢钠溶液（10%以下）</u> <u>Sodium bicarbonate solution (less than 10%)</u>	<u>OS</u>
<u>山梨醇溶液</u> <u>Sorbitol solution</u>	<u>OS</u>
<u>磺化聚丙烯酸酯溶液</u> <u>Sulphonated polyacrylate solution</u>	<u>Z</u>
<u>四乙基硅酸单体/低聚物（20%在乙醇中）</u> <u>Tetraethyl silicate monomer/oligomer (20% in ethanol)</u>	<u>Z</u>
<u>三乙二醇</u> <u>Triethylene glycol</u>	<u>OS</u>
<u>植物蛋白溶液（水解）</u> <u>Vegetable protein solution (hydrolysed)</u>	<u>OS</u>
<u>水</u> <u>Water</u>	<u>OS</u>

Chapter 19 Index of Products Carried in Bulk

The complete text of chapter 19 is replaced by the following:

19.1 The first column of the Index of Products Carried in Bulk (hereafter referred to as "the Index") provides the so-called Index Name. Where the Index Name is in capitals and in bold, the Index Name is identical to the Product Name in either chapter 17 or chapter 18. The second column listing the relevant Product Name is therefore empty. Where the Index Name is non-bold lower case it reflects a synonym for which the Product Name in either chapter 17 or chapter 18 is given in the second column. The relevant chapter of the IBC Code is reflected in the third column.

19.2 Following a review of chapter 19, a column listing UN numbers which was previously included had been removed from the Index. Since UN numbers are only available for a limited number of Index Names and there are inconsistencies between some of the names used in chapter 19 and those linked to UN numbers, it was decided to remove UN number references in order to avoid any confusion.

19.3 The Index has been developed for information purposes only. None of the Index Names indicated in non-bold lower case in the first column shall be used as the Product Name on the shipping document.

19.4 Prefixes forming an integral part of the name are shown in ordinary (roman) type and are taken into account in determining the alphabetical order of entries. These include such prefixes as: Mono Di Tri Tetra Penta Iso Bis Neo Ortho Cyclo

19.5 Prefixes that are disregarded for purposes of alphabetical order are the following:

<u>n-</u>	<u>(normal-)</u>
<u>sec-</u>	<u>(secondary-)</u>
<u>tert-</u>	<u>(tertiary-)</u>
<u>o-</u>	<u>(ortho-)</u>
<u>m-</u>	<u>(meta-)</u>
<u>p-</u>	<u>(para-)</u>
<u>N-</u>	
<u>O-</u>	
<u>S-</u>	
<u>sym-</u>	<u>(symmetrical)</u>
<u>uns-</u>	<u>(unsymmetrical)</u>
<u>dl-</u>	
<u>D-</u>	
<u>L-</u>	
<u>cis-</u>	
<u>trans-</u>	
<u>(E)-</u>	
<u>(Z)-</u>	
<u>alpha-</u>	<u>(α-)</u>
<u>beta-</u>	<u>(β-)</u>
<u>gamma-</u>	<u>(γ-)</u>
<u>epsilon-</u>	<u>(ϵ-)</u>
<u>omega-</u>	<u>(ω-)</u>

19.6 The Index utilizes a note after the index name for some entries (shown as (a) or (b)) which indicates that the following qualifications apply:

(a) This Index Name represents a subset of the corresponding Product Name.

(b) The Product Name corresponding to this Index Name contains a carbon chain length qualification. Since the Index Name should always represent a subset or be an exact synonym of the corresponding Product Name, the carbon chain length characteristics should be checked for any product identified by this Index Name.

索引名称 Index Name	货物名称 Product Name	章 Chapter
松香酸酐 Abietic anhydride	松香 ROSIN	17
二甲基乙酰胺 acedimethylamide	N,N-二甲基乙酰胺 N,N-DIMETHYLACETAMIDE	17
乙醛氰醇溶液（80%或以下） Acetaldehyde cyanohydrin solution (80% or less)	乳腈溶液（80%或以下） LACTONITRILE SOLUTION (80% OR LESS)	17
乙醛三聚物 Acetaldehyde trimer	三聚乙醛 PARALDEHYDE	17
乙酸 ACETIC ACID		17
乙酸酐 Acetic acid anhydride	乙酸酐 ACETIC ANHYDRIDE	17
乙酸乙烯酯 Acetic acid, ethenyl ester	乙烯乙酸 VINYL ACETATE	17
乙酸甲酯 Acetic acid, methyl ester	乙酸甲酯 METHYL ACETATE	17
乙酸乙酯 Acetic acid, vinyl ester	乙烯乙酸 VINYL ACETATE	17
乙酸酐 ACETIC ANHYDRIDE		17
乙酸酯 Acetic ester	乙酸乙酯 ETHYL ACETATE	17
乙酸乙脂 Acetic ether	乙酸乙酯 ETHYL ACETATE	17
氧化乙酰，乙酸酐 Acetic oxide	乙酸酐 ACETIC ANHYDRIDE	17
乙酰乙酸甲酯 Acetoacetic acid, methyl ester	乙酰乙酸甲酯 METHYL ACETOACETATE	17
乙酰醋酸酯 Acetoacetic ester	乙酰乙酸乙酯 ETHYL ACETOACETATE	17
乙草胺 ACETOCHLOR		17
丙酮 ACETONE		18
丙酮氰醇 ACETONE CYANOHYDRIN		17
乙腈 ACETONITRILE		17
乙腈（低纯度） ACETONITRILE (LOW PURITY GRADE)		17
乙酰酐 Acetyl anhydride	乙酸酐 ACETIC ANHYDRIDE	17
四氯乙烷 Acetylene tetrachloride	四氯乙烷 TETRACHLOROETHANE	17
乙酸酐 Acetyl ether	乙酸酐 ACETIC ANHYDRIDE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
乙酸酐 Acetyl oxide	乙酸酐 ACETIC ANHYDRIDE	17
从大豆油、玉米油及葵花籽油精炼的酸性油混合物 ACID OIL MIXTURE FROM SOYA BEAN, CORN (MAIZE) AND SUNFLOWER OIL REFINING		17
丙烯酸 Acroleic acid	丙烯酸 ACRYLIC ACID	17
丙烯酰胺溶液（50%或以下） ACRYLAMIDE SOLUTION (50% OR LESS)		17
丙烯酸 ACRYLIC ACID		17
丙烯酸 2-羟乙酯 Acrylic acid, 2-hydroxyethyl ester	2-羟乙基丙烯酸酯 2-HYDROXYETHYL ACRYLATE	17
丙烯酰胺溶液，50%或以下 Acrylic amide solution, 50% or less	丙烯酰胺溶液（50%或以下） ACRYLAMIDE SOLUTION (50% OR LESS)	17
丙烯酸树脂单体 Acrylic resin monomer	甲基丙烯酸甲酯 METHYL METHACRYLATE	17
丙烯腈 ACRYLONITRILE		17
聚醚多元醇分散体中的丙烯腈-苯乙烯共聚物 ACRYLONITRILE-STYRENE COPOLYMER DISPERSION IN POLYETHER POLYOL		17
己二酸二（2-乙基）己酯 Adipic acid, bis(2-ethylhexyl) ester	二-（2-乙基己基）乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE	17
己二腈 ADIPONITRILE		17
甲草胺（90%或以上） ALACHLOR TECHNICAL (90% OR MORE)		17
醇 Alcohol	乙醇 ETHYL ALCOHOL	18
C10 醇 Alcohol, C10	癸醇（所有异构体） DECYL ALCOHOL (ALL ISOMERS)	17
C11 醇 Alcohol, C11	十一醇 UNDECYL ALCOHOL	17
C12 醇 Alcohol, C12	十二烷基醇 DODECYL ALCOHOL	17
C7 醇（a） Alcohol, C7(a)	庚醇（所有异构体）（D） HEPTANOL (ALL ISOMERS) (D)	17
C8 醇 Alcohol, C8	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
C9 醇 Alcohol, C9	壬醇（所有异构体） NONYL ALCOHOL (ALL ISOMERS)	17
酒精饮料，未另列明的 ALCOHOLIC BEVERAGES, N.O.S.		18
聚（2.5-9）乙氧化醇（C9-C11） ALCOHOL (C9-C11) POLY (2.5-9) ETHOXYLATE		17
聚（3-6）乙氧化醇（C6-C17）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
ALCOHOL (C6-C17) (SECONDARY) POLY(3-6) ETHOXYLATES		
聚 (7-12) 乙氧化醇 (C6-C17) ALCOHOL (C6-C17) (SECONDARY) POLY(7-12) ETHOXYLATES		17
聚 (1-6) 乙氧化醇 (C12-C16) ALCOHOL (C12-C16) POLY(1-6) ETHOXYLATES		17
聚 (20+) 乙氧化醇 (C12-C16) ALCOHOL (C12-C16) POLY(20+) ETHOXYLATES		17
聚 (7-19) 乙氧化醇 (C12-C16) ALCOHOL (C12-C16) POLY(7-19) ETHOXYLATES		17
醇类 (C13+) ALCOHOLS (C13+)		17
C13-C15 醇类 Alcohols, C13 - C15	醇类 (C13+) ALCOHOLS (C13+)	17
醇类 (C12+), 伯, 直链 ALCOHOLS (C12+), PRIMARY, LINEAR		17
醇类 (C8-C11), 伯, 直链和主要直链 ALCOHOLS (C8-C11), PRIMARY, LINEAR AND ESSENTIALLY LINEAR		17
醇类 (C12-C13), 伯, 直链和主要直链 ALCOHOLS (C12-C13), PRIMARY, LINEAR AND ESSENTIALLY LINEAR		17
醇类 (C14-C18), 伯, 直链和主要直链 ALCOHOLS (C14-C18), PRIMARY, LINEAR AND ESSENTIALLY LINEAR		17
5-乙基-2-甲基吡啶 Aldehyde collidine	2-甲基-5-乙基吡啶 2-METHYL-5-ETHYL PYRIDINE	17
乙基甲基吡啶 Aldehydine	2-甲基-5-乙基吡啶 2-METHYL-5-ETHYL PYRIDINE	17
烷烃类 (C6-C9) ALKANES (C6-C9)		17
异烷烃类和环烷烃类 (C10-C11) ISO- AND CYCLO-ALKANES (C10-C11)		17
异烷烃类和环烷烃类 (C12+) ISO- AND CYCLO-ALKANES (C12+)		17
正烷烃类 (C9-C11) N-ALKANES (C9-C11)		17
正烷烃类 (C10 - C20) N-ALKANES (C10-C20)		17
(C10-C18) 链烷磺酸苯酯 (a) Alkane(C10-C18)sulfonic acid, phenyl ester (a)	酚的烷基磺酸酯 ALKYL SULPHONIC ACID ESTER OF PHENOL	17
烷基聚醚 (C9-C20) ALKARYL POLYETHERS (C9-C20)		17
链烯酸硼酸化聚羟基酯 ALKENOIC ACID, POLYHYDROXY ESTER BORATED		17

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烷基 (C11+) 胺 ALKENYL (C11+) AMIDE		17
烯基 (C16-C20) 琥珀酸酐 ALKENYL (C16-C20) SUCCINIC ANHYDRIDE		17
甲苯中的烷基丙烯酸酯-乙烯基吡啶共聚物 ALKYL ACRYLATE/VINYLPYRIDINE COPOLYMER IN TOLUENE		17
烷基/环 (C4-C5) 醇类 ALKYL/CYCLO (C4-C5) ALCOHOLS		17
烷基磷酸酯混合物 (二苯甲苯基磷酸酯 40%以上, 邻位异构物 0.02%以下) ALKYLARYL PHOSPHATE MIXTURES (MORE THAN 40% DIPHENYL TOLYL PHOSPHATE, LESS THAN 0.02% ORTHO-ISOMERS)		17
烷基化 (C4-C9) 受阻酚 ALKYLATED (C4-C9) HINDERED PHENOLS		17
烷基苯、烷基二氢茛、烷基茛混合物 (各 C12-C17) ALKYLBENZENE, ALKYLINDANE, ALKYLINDENE MIXTURE (EACH C12-C17)		17
烷基苯蒸馏物 ALKYLBENZENE DISTILLATION BOTTOMS		17
烷基苯混合物 (含油至少50%的甲苯) ALKYLBENZENE MIXTURES (CONTAINING AT LEAST 50% OF TOLUENE)		17
烷基 (C3-C4) 苯 ALKYL (C3-C4) BENZENES		17
烷基 (C5-C8) 苯 ALKYL (C5-C8) BENZENES		17
烷基 (C9+) 苯 ALKYL (C9+) BENZENES		17
烷基 (C11-C17) 苯磺酸 ALKYL (C11-C17) BENZENE SULPHONIC ACID		17
烷基苯磺酸, 钠盐溶液 ALKYLBENZENE SULPHONIC ACID, SODIUM SALT SOLUTION		17
烷基 (C12+) 二甲胺 ALKYL (C12+) DIMETHYLAMINE		17
烷基二硫代氨基甲酸酯 (C19-C35) ALKYL DITHIOCARBAMATE (C19-C35)		17
烷基二硫代噻二唑 (C6-C24) ALKYLDITHIOTHIAZOLE (C6-C24)		17
烷基酯共聚物 (C4-C20) ALKYL ESTER COPOLYMER (C4-C20)		17
烷基 (C8-C10) / (C12-C14) : (40%或以下/60%或以上) 聚葡萄糖苷溶液 (55%或以下) ALKYL (C8-C10)/(C12-C14):(40% OR LESS/60% OR MORE) POLYGLUCOSIDE SOLUTION (55% OR LESS)		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
烷基 (C8-C10) / (C12-C14) : (60%或以上/40%或以下) 聚葡萄糖苷溶液 (55%或以下) ALKYL (C8-C10)/(C12-C14):(60% OR MORE/40% OR LESS) POLYGLUCOSIDE SOLUTION (55% OR LESS)		17
烷基 (C7-C9) 硝酸酯 ALKYL (C7-C9) NITRATES		17
2,2'- [3- ((C16-C18) 烷基氧) 丙基亚氨] 乙二醇 (a) 2,2'- [3-(Alkyl(C16-C18)oxy)propylimino]diethanol (a)	乙氧基长链 (C16+) 烷氧基烷基胺 ETHOXYLATED LONG CHAIN (C16+) ALKYL OXYALKYLAMINE	17
烷基酚, 长链 (C14-C18) Alkylphenol, long-chain (C14-C18)	长链烷基酚 (C14-C18) LONG-CHAIN ALKYLPHENOL (C14-C18)	17
烷基酚, 长链 (C18-C30) Alkylphenol, long-chain (C18-C30)	长链烷基酚 (C18-C30) LONG-CHAIN ALKYLPHENOL (C18-C30)	17
烷基 (C7-C11) 苯酚聚 (4-12) 硬脂酸 ALKYL(C7-C11)PHENOL POLY(4-12) ETHOXYLATE		17
硫化烷基 (C8-C40) 苯酚 ALKYL (C8-C40) PHENOL SULPHIDE		17
芳烃溶剂中的烷基 (C8-C9) 苯胺 ALKYL (C8-C9) PHENYLAMINE IN AROMATIC SOLVENTS		17
烷基 (C9-C15) 苯基丙氧基化物 ALKYL (C9-C15) PHENYL PROPOXYLATE		17
烷基 (C8-C10) 聚葡萄糖苷溶液 (65%或以下) ALKYL (C8-C10) POLYGLUCOSIDE SOLUTION (65% OR LESS)		17
烷基 (C8-C10) / (C12-C14) : (50%/50%) 聚葡萄糖苷溶液 (55%或以下) ALKYL (C8-C10)/(C12-C14):(50%/50%) POLYGLUCOSIDE SOLUTION (55% OR LESS)		17
烷基 (C12-C14) 聚葡萄糖苷溶液 (55%或以下) ALKYL (C12-C14) POLYGLUCOSIDE SOLUTION (55% OR LESS)		17
烷基 (C10-C20, 饱和及不饱和) 亚磷酸酯 ALKYL (C10-C20, SATURATED AND UNSATURATED) PHOSPHITE		17
酚的烷基磺酸酯 ALKYL SULPHONIC ACID ESTER OF PHENOL		17
烷基 (C18+) 甲苯 ALKYL (C18+) TOLUENES		17
烷基甲苯磺酸, 钙盐, 高过碱性 (矿物油中高达70%) Alkyltoluenesulfonic acid, calcium salts, high overbase (up to 70% in mineral oil)	烷基 (C18-C28) 甲苯磺酸, 钙盐, 高酸 ALKYL (C18-C28) TOLUENESULPHONIC ACID, CALCIUM SALTS, HIGH OVERBASE	17
烷基 (C18-C28) 甲苯磺酸, 钙盐, 低过碱性 (矿物油中高达60%) Alkyl(C18-C28)toluenesulfonic acid, calcium salts, low overbase (up to 60% in mineral oil)	烷基 (C18-C28) 甲苯磺酸, 钙盐, 低酸 ALKYL (C18-C28) TOLUENESULPHONIC ACID, CALCIUM SALTS, LOW OVERBASE	17

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烷基 (C18-C28) 甲苯磺酸 ALKYL (C18-C28) TOLUENESULPHONIC ACID		17
烷基 (C18-C28) 甲苯磺酸, 钙盐, 硼酸化的 ALKYL (C18-C28) TOLUENESULPHONIC ACID, CALCIUM SALTS, BORATED		17
烷基 (C18-C28) 甲苯磺酸, 钙盐, 高酸 ALKYL (C18-C28) TOLUENESULPHONIC ACID, CALCIUM SALTS, HIGH OVERBASE		17
烷基 (C18-C28) 甲苯磺酸, 钙盐, 低酸 ALKYL (C18-C28) TOLUENESULPHONIC ACID, CALCIUM SALTS, LOW OVERBASE		17
3-(C16-C18) 碳羟基-N,N'-双(2-羟乙基)丙烷-1-胺(a) 3-Alky(C16-C18)oxy-N,N'-bis(2-hydroxyethyl)propan-1-amine(a)	乙氧基长链 (C16+) 烷氧基烷基胺 ETHOXYLATED LONG CHAIN (C16+) ALKYLOXYALKYLAMINE	17
丙烯醇 ALLYL ALCOHOL		17
丙烯基氯 ALLYL CHLORIDE		17
硅酸铝氢氧化物 Aluminium silicate hydroxide	高岭土浆 KAOLIN SLURRY	18
硫酸铝溶液 ALUMINIUM SULPHATE SOLUTION		17
氨基醋酸钠盐溶液 Aminoacetic acid, sodium salt solution	甘氨酸, 钠盐溶液 GLYCINE, SODIUM SALT SOLUTION	17
1-氨基-3-氨基甲基-3,5,5-三甲基环己烷 1-Amino-3-aminomethyl-3,5,5-trimethylcyclohexane	异佛尔酮二胺 ISOPHORONEDIAMINE	17
氨基苯 Aminobenzene	苯胺 ANILINE	17
1-氨基丁烷 (a) 1-Aminobutane (a)	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17
2-氨基丁烷 2-Aminobutane	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17
氨基环己烷 Aminocyclohexane	环己胺 CYCLOHEXYLAMINE	17
氨基乙烷 Aminoethane	乙胺 ETHYLAMINE	17
72%或以下的氨基乙烷溶液 Aminoethane solutions, 72% or less	乙胺溶液 (72%或以下) ETHYLAMINE SOLUTIONS (72% OR LESS)	17
2-氨基乙醇 2-Aminoethanol	乙醇胺 ETHANOLAMINE	17
2-(2-氨基乙氧基)乙醇 2-(2-AMINOETHOXY) ETHANOL		17
2-(2-氨基乙胺基)乙醇 2-(2-Aminoethylamino)ethanol	氨基乙醇胺 AMINOETHYL ETHANOLAMINE	17
氨基二乙醇胺/氨基乙醇胺溶液 AMINOETHYLDIETHANOLAMINE/AMINOETHYLETHANOLAMINE SOLUTION		17
氨基乙醇胺		17

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AMINOETHYL ETHANOLAMINE		
正-(2-氨基乙基)乙(撑)二胺 N-(2-aminoethyl)ethylenediamine	二亚乙基三胺 DIETHYLENETRIAMINE	17
1-(2-氨基乙基)哌嗪 1-(2-Aminoethyl)piperazine	N-氨基乙基哌嗪 N-AMINOETHYLPIPERAZINE	17
N-氨基乙基哌嗪 N-AMINOETHYLPIPERAZINE		17
2-氨基异丁烷(a) 2-Aminoisobutane(a)	丁胺(所有异构体) BUTYLAMINE(ALL ISOMERS)	17
42%或以下的氨基甲烷溶液 Aminomethane solutions, 42% or less	甲胺溶液(42%或以下) METHYLAMINE SOLUTIONS(42% OR LESS)	17
1-氨基-2-甲苯 1-Amino-2-methylbenzene	邻甲苯胺 O-TOLUIDINE	17
1-氨基-1-甲苯 2-Amino-1-methylbenzene	邻甲苯胺 O-TOLUIDINE	17
2-氨基-2-甲基-1-丙醇 2-AMINO-2-METHYL-1-PROPANOL		17
3-氨基甲基-3,5,5-三甲基环乙基胺 3-Aminomethyl-3,5,5-trimethylcyclohexylamin	异佛尔酮二胺 ISOPHORONEDIAMINE	17
氨基苯酚 Aminophen	苯胺 ANILINE	17
1-氨基丙烷 1-Aminopropane	正丙胺 N-PROPYLAMINE	17
2-氨基丙烷 2-Aminopropane	异丙胺 ISOPROPYLAMINE	17
2-氨基丙烷溶液(70%或以下) 2-Aminopropane(70% or less) solution	异丙胺(70%或以下)溶液 ISOPROPYLAMINE(70% OR LESS) SOLUTION	17
1-氨基-2-丙醇 1-Amino-2-propanol	异丙醇胺 ISOPROPANOLAMINE	17
1-氨基丙烷-2-醇 1-Aminopropan-2-ol	异丙醇胺 ISOPROPANOLAMINE	17
3-氨基丙烷1-醇 3-Aminopropan-1-ol	正丙醇胺 N-PROPANOLAMINE	17
2-氨基甲苯 2-Aminotoluene	邻甲苯胺 O-TOLUIDINE	17
邻-氨基甲苯 O-Aminotoluene	邻甲苯胺 O-TOLUIDINE	17
5-氨基-1,3,3-三甲基环乙基胺 5-Amino-1,3,3-trimethylcyclohexylmethylamin	异佛尔酮二胺 ISOPHORONEDIAMINE	17
氨水(28%或以下) AMMONIA AQUEOUS(28% OR LESS)		17
氨水(28%或以下) Ammonia water, 28% or less	氨水(28%或以下) AMMONIA AQUEOUS(28% OR LESS)	17
氯化铵溶液(25%以下)(*) AMMONIUM CHLORIDE SOLUTION(LESS THAN 25%)(*)		17

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磷酸氢铵溶液 AMMONIUM HYDROGEN PHOSPHATE SOLUTION		17
氢氧化铵, (28%或以下) Ammonium hydroxide, 28% or less	氨水 (28%或以下) AMMONIA AQUEOUS (28% OR LESS)	17
硝酸铵溶液 (93%或以下) (*) AMMONIUM NITRATE SOLUTION (93% OR LESS) (*)		17
多磷酸铵溶液 AMMONIUM POLYPHOSPHATE SOLUTION		17
硫酸铵溶液 AMMONIUM SULPHATE SOLUTION		17
硫化铵溶液 (45%或以下) (*) AMMONIUM SULPHIDE SOLUTION (45% OR LESS) (*)		17
硫代硫酸铵溶液 (60%或以下) AMMONIUM THIOSULPHATE SOLUTION (60% OR LESS)		17
乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)		17
乙酸戊酯, 工业用 (a) Amyl acetate, commercial (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
正-乙酸正戊酯 (a) n-Amyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
仲-乙酸仲戊酯 (a) sec-Amyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
乙酸戊酯 (a) Amylacetic ester (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
戊醇 Amyl alcohol	正戊醇 N-AMYL ALCOHOL	17
正戊醇 N-AMYL ALCOHOL		17
戊醇, 伯 AMYL ALCOHOL, PRIMARY		17
仲戊醇 SEC-AMYL ALCOHOL		17
叔戊醇 TERT-AMYL ALCOHOL		17
戊醛 Amyl aldehyde	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
乙醇 Amylcarbinol	己醇 HEXANOL	17
氢氧化戊烯 Amylene hydrate	叔戊醇 TERT-AMYL ALCOHOL	17
乙基戊基甲酮 Amyl ethyl ketone	乙基戊基甲酮 ETHYL AMYL KETONE	17
叔戊基甲基醚 TERT-AMYL METHYL ETHER		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
正-戊基甲基酮 n-Amyl methyl ketone	甲基戊基酮 METHYL AMYL KETONE	17
正-丙酸正戊酯 n-Amyl propionate	丙酸正戊酯 N-PENTYL PROPIONATE	17
麻醉剂乙醚 Anaesthetic ether	二乙醚 (*) DIETHYL ETHER (*)	17
苯胺 ANILINE		17
苯胺油 Aniline oil	苯胺 ANILINE	17
苯胺基苯 Anilinobenzene	二苯胺 (熔融的) DIPHENYLAMINE (MOLTEN)	17
蒽油 (煤焦油提取物) (a) Anthracene oil (coal tar fraction) (a)	煤焦油 COAL TAR	17
人造, 蚁油 Ant oil, artificial	糠醛 FURFURAL	17
苹果汁 APPLE JUICE		18
硝酸 Aqua fortis	硝酸 (70%及以上) NITRIC ACID (70% AND OVER)	17
铝氧土 Argilla	高岭土浆 KAOLIN SLURRY	18
芳基聚烯烃 (C11-C50) ARYL POLYOLEFINS (C11-C50)		17
航空烃化汽油 (C8链烷烃和异链烷烃沸点95-120°C) AVIATION ALKYLATES (C8 PARAFFINS AND ISO-PARAFFINS BPT 95-120°C)		17
氮杂环庚烷 Azacycloheptane	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
3-氮杂戊烷-1,5-二胺 3-Azapentane-1,5-diamine	二亚乙基三胺 DIETHYLENETRIAMINE	17
六甲撑亚胺 Azepane	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
硝酸 Azotic acid	硝酸 (70%及以上) NITRIC ACID (70% AND OVER)	17
长链 (C11-C50) 烷芳基磺酸钡 BARIUM LONG CHAIN (C11-C50) ALKARYL SULPHONATE		17
在大约30%矿物油内碱性水杨酸酯 (b) Basic calcium alkyl salicylate in approximately 30% mineral oil (b)	长链烷基水杨酸钙 (C13+) CALCIUM LONG-CHAIN ALKYL SALICYLATE (C13+)	17
电池用酸 Battery acid	硫酸 SULPHURIC ACID	17
二十二醇 (a) Behenyl alcohol (a)	醇类 (C13+) ALCOHOLS (C13+)	17
苯胺 Benzenamine	苯胺 ANILINE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,4-苯二羧基酸, 双(2-乙基己基)酯 1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	二(2-乙基己基)对苯二甲酸 BIS (2-ETHYLHEXYL) TEREPHTHALATE	17
1,4-苯二羧基酸丁酯 1,4-Benzenedicarboxylic acid, butyl ester	对苯二甲酸二丁酯 DIBUTYL TEREPHTHALATE	17
1,2-苯二羧基酸二乙酯 1,2-Benzenedicarboxylic acid, diethyl ester	邻苯二甲酸二乙酯 DIETHYL PHTHALATE	17
1,2-苯二羧基酸二十一烷酯 1,2-Benzenedicarboxylic acid, diundecyl ester	邻苯二甲酸(二)十一烷基酯 DIUNDECYL PHTHALATE	17
苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)		17
苯磺酸氯 BENZENE SULPHONYL CHLORIDE		17
苯磺酸氯 BENZENESULPHONYL CHLORIDE	苯磺酸氯 BENZENE SULPHONYL CHLORIDE	17
苯三羟酸, 三辛基酯 BENZENETRICARBOXYLIC ACID, TRIOCTYL ESTER		17
石碳酸 Benzenol	苯酚 PHENOL	17
苯 Benzol	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)	17
原料苯, 苯 Benzole	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)	17
苯酚 Benzophenol	苯酚 PHENOL	17
2-苯并噻唑硫醇, 钠盐溶液 2-Benzothiazolethiol, sodium salt solution	巯基苯并噻唑, 钠盐溶液 MERCAPTOBENZOTHIAZOL, SODIUM SALT SOLUTION	17
苯并噻唑-2-硫醇, 钠盐溶液 Benzothiazole-2-thiol, sodium salt solution	巯基苯并噻唑, 钠盐溶液 MERCAPTOBENZOTHIAZOL, SODIUM SALT SOLUTION	17
(2-苯并噻唑基硫) 钠盐溶液 (2-Benzothiazolythio) sodium solution	巯基苯并噻唑, 钠盐溶液 MERCAPTOBENZOTHIAZOL, SODIUM SALT SOLUTION	17
乙酸苄酯 BENZYL ACETATE		17
苯甲醇 BENZYL ALCOHOL		17
苯二甲酸苯甲基丁基酯 Benzyl butyl phthalate	邻苯二甲酸丁基苄酯 BUTYL BENZYL PHTHALATE	17
苄基氯 BENZYL CHLORIDE		17
丙内酯 Betaprone	β -丙内酯 BETA-PROPIOLACTONE	17
水杨酸甲酯	水杨酸甲酯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Betula oil	METHYL SALICYLATE	
乙二醛 Biformyl	乙二醛溶液（40%或以下） GLYOXAL SOLUTION (40% OR LESS)	17
柴油/汽油和脂肪酸甲酯的生物燃料混合物（按体积>25%但<99%） BIO-FUEL BLENDS OF DIESEL/GAS OIL AND FAME (>25% BUT <99% BY VOLUME)		17
柴油/汽油和植物油的生物燃料混合物（按体积>25%但<99%） BIO-FUEL BLENDS OF DIESEL/GAS OIL AND VEGETABLE OIL (>25% BUT <99% BY VOLUME)		17
汽油和酒精的生物燃料混合物（按体积>25%但<99%） BIO-FUEL BLENDS OF GASOLINE AND ETHYL ALCOHOL (>25% BUT <99% BY VOLUME)		17
联苯 Biphenyl	联苯 DIPHENYL	17
双（甲基环戊二烯） Bis(methylcyclopentadiene)	甲基环戊二烯二聚物 METHYLCYCLOPENTADIENE DIMER	17
2,5双（（C7+）烷基硫）-1,3,4-噻二唑 2,5-Bis(alkyl(C7+)thio)-1,3,4-thiadiazole	烷基二硫代噻二唑（C6-C24） ALKYLDITHIOTHIAZOLE (C6-C24)	17
双（2-氨基乙基）胺 Bis(2-aminoethyl)amine	二亚乙基三胺 DIETHYLENETRIAMINE	17
N,N'-双（2-氨基乙基）乙烷-1,2-二胺 N,N'-Bis(2-aminoethyl)ethane-1,2-diamine	三亚乙基四胺 TRIETHYLENETETRAMINE	17
N,N'-双（2-氨基乙基）乙二胺 N,N'-Bis(2-aminoethyl)ethylenediamine	三亚乙基四胺 TRIETHYLENETETRAMINE	17
N,N'-二（2-（二羧甲基）氨基乙基）甘氨酸，五钠盐溶液 N,N-Bis(2-(bis(carboxymethyl)amino)ethyl)glycine, pentasodium salt solution	二亚乙基三胺五乙酸，五钠盐溶液 DIETHYLENETRIAMINEPENTAACETIC ACID, PENTASODIUM SALT SOLUTION	17
二甘醇二丁醚 Bis(2-butoxyethyl) ether	二甘醇二丁基醚 DIETHYLENE GLYCOL DIBUTYL ETHER	17
N,N- 双（羧甲基）甘氨酸三钠盐溶液 N,N- Bis(carboxymethyl)glycine trisodium salt solution	次氨基三乙酸，三钠盐溶液 NITRILOTRIACETIC ACID, TRISODIUM SALT SOLUTION	17
双（氯乙基）醚 Bis(chloroethyl) ether	二氯乙醚 DICHLOROETHYL ETHER	17
双（2-氯乙基）醚 Bis(2-chloroethyl) ether	二氯乙醚 DICHLOROETHYL ETHER	17
双（2-氯异丙基）醚 Bis(2-chloroisopropyl) ether	2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER	17
双（2-氯-1-甲基乙基）醚 Bis(2-chloro-1-methylethyl) ether	2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER	17
二（2-（2,3-环氧丙氧基）苯基）甲烷 Bis[2-(2,3-epoxypropoxy)phenyl]methane	双酚F二环氧甘油醚 DIGLYCIDYL ETHER OF BISPHENOL F	17
2,2二（4-（2,3-环氧丙氧基）苯基）丙烷 2,2-Bis[4-(2,3-epoxypropoxy)phenyl]propane	双酚A二环氧甘油醚 DIGLYCIDYL ETHER OF BISPHENOL A	17
二（2-乙氧基乙基）醚	二甘醇二乙基醚	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Bis(2-ethoxyethyl) ether	DIETHYLENE GLYCOL DIETHYL ETHER	
己二酸双(2-乙基己基)酯 Bis(2-ethylhexyl) adipate	二-(2-乙基己基)乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE	17
双(2-乙基己基)-1-4-苯二甲酸酯 Bis(2-ethylhexyl)-1-4-benzenedicarboxylate	二-(2-乙基己基)对苯二甲酸 BIS(2-ETHYLHEXYL) TEREPHTHALATE	17
二(2-乙基己基)磷酸氢盐 Bis(2-ethylhexyl) hydrogen phosphate	二-(2-乙基己基)磷酸 DI-(2-ETHYLHEXYL) PHOSPHORIC ACID	17
苯二甲酸双(2-乙基己基)酯 Bis(2-ethylhexyl) phthalate	邻苯二甲酸二辛酯 DIOCTYL PHTHALATE	17
二(2-乙基己基)对苯二甲酸 BIS(2-ETHYLHEXYL) TEREPHTHALATE		17
双(2-羟乙基)胺 Bis(2-hydroxyethyl)amine	二乙醇胺 DIETHANOLAMINE	17
二(2-羟基乙基)胺2,4-二氯苯氧乙酸 Bis(2-hydroxyethyl)ammonium 2,4-dichlorophenoxyacetate	2,4-二氯苯氧乙酸, 二乙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, DIETHANOLAMINE SALT SOLUTION	17
双(2-羟乙基)醚 Bis(2-hydroxyethyl) ether	二甘醇 DIETHYLENE GLYCOL	17
双(2-羟基丙基)胺 Bis(2-hydroxypropyl)amine	二异丙醇胺 DIISOPROPANOLAMINE	17
苯二甲酸(6-甲基庚基)酯 Bis(6-methylheptyl) phthalate	邻苯二甲酸二辛酯 DIOCTYL PHTHALATE	17
赤糖糊(a) Blackstrap molasses (a)	糖蜜 MOLASSES	18
白陶土 Bolus alba	高岭土浆 KAOLIN SLURRY	18
制动液混合物: 聚(2-8)亚烷基(C2-C3)乙二醇/聚 亚烷基(C2-C10)糖醇单烷基(C1-C4)乙醚及其硼酸 盐 BRAKE FLUID BASE MIX: POLY(2-8)ALKYLENE (C2-C3) GLYCOLS/POLYALKYLENE (C2-C10) GLYCOLS MONOALKYL (C1-C4) ETHERS AND THEIR BORATE ESTERS		17
糠油 Bran oil	糠醛 FURFURAL	17
溴氯甲烷 BROMOCHLOROMETHANE		17
丁醛(a) Butaldehyde (a)	丁醛(所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
丁醛(a) Butanal (a)	丁醛(所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
n-正丁醛(a) n-Butanal (a)	丁醛(所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
1,3-丁二醇(a) 1,3-Butanediol (a)	丁二醇 BUTYLENE GLYCOL	17
丁烷-1,3-二醇(a) Butane-1,3-diol (a)	丁二醇 BUTYLENE GLYCOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,4-丁二醇 (a) 1,4-Butanediol (a)	丁二醇 BUTYLENE GLYCOL	17
2,3-丁二醇 (a) 2,3-Butanediol (a)	丁二醇 BUTYLENE GLYCOL	17
丁烷-2,3-二醇 (a) Butane-2,3-diol (a)	丁二醇 BUTYLENE GLYCOL	17
丁酸 Butanoic acid	丁酸 BUTYRIC ACID	17
丁醇 Butanol	正-丁醇 N-BUTYL ALCOHOL	18
1-丁醇 1-Butanol	正-丁醇 N-BUTYL ALCOHOL	18
丁醇-1 Butanol-1	正-丁醇 N-BUTYL ALCOHOL	18
丁烷-1-醇 Butan-1-ol	正-丁醇 N-BUTYL ALCOHOL	18
2-丁醇 2-Butanol	仲-丁醇 SEC-BUTYL ALCOHOL	18
丁烷-2-醇 Butan-2-ol	仲-丁醇 SEC-BUTYL ALCOHOL	18
醋酸丁酯 (a) Butanol acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
醋酸2丁酯 (a) 2-Butanol acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
1,4-4丁交酯 1,4-Butanolide	γ -内丁酯 GAMMA-BUTYROLACTONE	17
丁烷-4—交酯 Butan-4-olide	γ -内丁酯 GAMMA-BUTYROLACTONE	17
正-丁醇 n-Butanol	正-丁醇 N-BUTYL ALCOHOL	18
仲-丁醇 sec-Butanol	仲-丁醇 SEC-BUTYL ALCOHOL	18
叔-丁醇 tert-Butanol	叔丁醇 TERT-BUTYL ALCOHOL	17
2-丁酮 2-Butanone	甲基乙基酮 METHYL ETHYL KETONE	17
丁烷-2-酮 Butan-2-one	甲基乙基酮 METHYL ETHYL KETONE	17
2-丁烯醛 2-Butenal	巴豆醛 CROTONALDEHYDE	17
丁烯二聚体 Butene dimer	辛烯 (所有异构体) OCTENE (ALL ISOMERS)	17
丁烯低聚物 BUTENE OLIGOMER		17
1-丁氧基丁烷 1-Butoxybutane	正丁醚 N-BUTYL ETHER	17
2-丁氧基乙醇 (a)	乙二醇单烷基醚	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-Butoxyethanol (a)	ETHYLENE GLYCOL MONOALKYL ETHERS	
2-叔-丁氧基乙醇 (a) 2-tert-butoxyethanol (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
2- (2-丁氧基乙氧基) 乙醇 (a) 2-(2-Butoxyethoxy)ethanol (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
2- (2-丁氧基乙氧基) 乙酸乙酯 (a) 2-(2-Butoxyethoxy)ethyl acetate (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
醋酸2-丁氧基乙酯 2-Butoxyethyl acetate	乙二醇丁醚乙酸酯 ETHYLENE GLYCOL BUTYL ETHER ACETATE	17
1-丁氧基丙烷-2-醇 (a) 1-Butoxypropan-2-ol (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
乙酸丁酯 (a) Butyl acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)		17
正-丁酯乙酸 (a) n-Butyl acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
乙酸仲丁酯 (所有异构体) (a) sec-Butyl acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
乙酸叔丁酯 (所有异构体) (a) tert-Butyl acetate (a)	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
丙烯酸丁酯 (所有异构体) BUTYL ACRYLATE (ALL ISOMERS)		17
丙烯酸正丁酯 (a) n-Butyl acrylate (a)	丙烯酸丁酯 (所有异构体) BUTYL ACRYLATE (ALL ISOMERS)	17
丁醇 Butyl alcohol	正-丁醇 N-BUTYL ALCOHOL	18
正-丁醇 N-BUTYL ALCOHOL		18
仲-丁醇 SEC-BUTYL ALCOHOL		18
叔丁醇 TERT-BUTYL ALCOHOL		17
正-丁醛 (a) n-Butyl aldehyde (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)		17
正-丁胺 (a) n-Butylamine (a)	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17
仲-丁胺 (a) sec-Butylamine (a)	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
叔-丁胺 (a) tert-Butylamine (a)	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17
丁苯 (所有异构体) BUTYLBENZENE (ALL ISOMERS)		17
叔-丁基苯 (a) tert-Butylbenzene (a)	丁苯 (所有异构体) BUTYLBENZENE (ALL ISOMERS)	17
邻苯二甲酸丁基苯酯 BUTYL BENZYL PHTHALATE		17
丁酸丁酯 (a) Butyl butanoate (a)	丁酸丁酯 (所有异构体) BUTYL BUTYRATE (ALL ISOMERS)	17
丁酸丁酯 (所有异构体) BUTYL BUTYRATE (ALL ISOMERS)		17
丁酸正丁酯 (a) n-Butyl butyrate (a)	丁酸丁酯 (所有异构体) BUTYL BUTYRATE (ALL ISOMERS)	17
正-丁基甲醇 n-Butylcarbinol	正戊醇 N-AMYL ALCOHOL	17
丁基卡必醇 (a) Butyl carbitol (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
丁基卡必醇乙酸盐 (a) Butyl carbitol acetate (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
乙二醇单丁醚乙酸酯 Butyl cellosolve acetate	乙二醇丁醚乙酸酯 ETHYLENE GLYCOL BUTYL ETHER ACETATE	17
丁基/癸基/十六烷基/二十烷基甲基丙烯酸酯混合物 BUTYL/DECYL/CETYL/EICOSYL METHACRYLATE MIXTURE		17
甲基丙烯酸乙基/癸基/十六烷基/二十烷基酯1混合物 (a) Butyl/decyl/hexadecyl/icosyl methacrylate mixture (a)	丁基/癸基/十六烷基/二十烷基甲基丙烯酸酯 混合物 BUTYL/DECYL/CETYL/EICOSYL METHACRYLATE MIXTURE	17
丁基二甘醇乙酸酯 (a) Butyl diglycol acetate (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
丁二醇 BUTYLENE GLYCOL		17
α-丁二醇 (a) alpha-Butylene glycol (a)	丁二醇 BUTYLENE GLYCOL	17
β-丁二醇 (a) beta-Butylene glycol (a)	丁二醇 BUTYLENE GLYCOL	17
1,3-丁二醇单乙醚醋酸酯 1,3-Butylene glycol, 3-methyl ether	3-甲氧基-1-丁酮 3-METHOXY-1-BUTANOL	17
1,3-丁二醇单乙醚醋酸酯 1,3-Butylene glycol ,3-methyl ether 1-acetate	3-甲氧基乙酸丁酯 3-METHOXYBUTYL ACETATE	17
亚丁基氧	四氢呋喃	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Butylene oxide	TETRAHYDROFURAN	
1,2-环氧丁烷 1,2-BUTYLENE OXIDE		17
乙酸丁酯 Butyl ethanoate	乙酸丁酯（所有异构体） BUTYL ACETATE (ALL ISOMERS)	17
丁醚 Butyl ether	正丁醚 N-BUTYL ETHER	17
正丁醚 N-BUTYL ETHER		17
丁基乙酰乙酸（a） Butylethylacetic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
丁基乙烯 Butylethylene	己烯（所有异构体） HEXENE (ALL ISOMERS)	17
叔-丁基乙基醚 tert-Butyl ethyl ether	乙基叔丁基醚 ETHYL TERT-BUTYL ETHER	17
异丁基酮 iso-Butyl ketone	二异丁基甲酮 DIISOBUTYL KETONE	17
甲基丙烯酸丁酯 BUTYL METHACRYLATE		17
叔-丁基甲基醚 tert-Butyl methyl ether	甲基叔丁基醚 METHYL TERT-BUTYL ETHER	17
丁基甲基酮 Butyl methyl ketone	甲基丁基酮 METHYL BUTYL KETONE	17
邻苯二甲酸丁酯 Butyl phthalate	邻苯二甲酸二丁酯 DIBUTYL PHTHALATE	17
丙酸正丁酯 N-BUTYL PROPIONATE		17
丁醛（所有异构体） BUTYRALDEHYDE (ALL ISOMERS)		17
正-丁醛 n-Butyraldehyde	丁醛（所有异构体） BUTYRALDEHYDE (ALL ISOMERS)	17
丁酸 BUTYRIC ACID		17
正-丁酸 n-Butyric acid	丁酸 BUTYRIC ACID	17
丁醇 Butyric alcohol	正-丁醇 N-BUTYL ALCOHOL	18
丁醛（a） Butyric aldehyde (a)	丁醛（所有异构体） BUTYRALDEHYDE (ALL ISOMERS)	17
γ-内丁酯 GAMMA-BUTYROLACTONE		17
白千层萜 Cajeputene	二戊烯 DIPENTENE	17
烷芳基磺酸钙（C11-C50） CALCIUM ALKARYL SULPHONATE (C11-C50)		17
在矿物油的烷基钙（长链）水杨酸酯（超碱性）（LOA） （b）	长链烷基水杨酸钙（C13+） CALCIUM LONG-CHAIN ALKYL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Calcium alkyl(longchain) salicylate (overbased) in mineral oil (LOA) (b)	SALICYLATE (C13+)	
烷基 (C10-C28) 水杨酸钙 CALCIUM ALKYL (C10-C28) SALICYLATE		17
磷-二烷基钙水杨酸钙 (b) Calcium bis(O-alkylsalicylate) (b)	长链烷基水杨酸钙 (C13+) CALCIUM LONG-CHAIN ALKYL SALICYLATE (C13+)	17
溴化钙/溴化锌溶液 Calcium bromide / zinc bromide solution	钻井盐水 (含有氯化锌) DRILLING BRINES (CONTAINING ZINC CHLORIDE)	17
碳酸钙浆 CALCIUM CARBONATE SLURRY		18
氢氧化钙浆 CALCIUM HYDROXIDE SLURRY		17
次氯酸钙溶液 (15%或以下) CALCIUM HYPOCHLORITE SOLUTION (15% OR LESS)		17
次氯酸钙溶液 (15%以上) CALCIUM HYPOCHLORITE SOLUTION (MORE THAN 15%)		17
木质素磺酸钙溶液 CALCIUM LIGNOSULPHONATE SOLUTIONS		17
长链烷基 (C5-C10) 苯酚钙 CALCIUM LONG-CHAIN ALKYL (C5-C10) PHENATE		17
长链烷基 (C11-C40) 苯酚钙 CALCIUM LONG-CHAIN ALKYL (C11-C40) PHENATE		17
长链烷基苯磺酸钙 (C8-C40) CALCIUM LONG-CHAIN ALKYL PHENATE SULPHIDE (C8-C40)		17
长链烷基水杨酸钙 (C13+) CALCIUM LONG-CHAIN ALKYL SALICYLATE (C13+)		17
长链烷基 (C18-C28) 水杨酸钙 CALCIUM LONG-CHAIN ALKYL (C18-C28) SALICYLATE		17
硝酸钙/硝酸镁/氯化钾溶液 CALCIUM NITRATE/MAGNESIUM NITRATE/POTASSIUM CHLORIDE SOLUTION		17
硝酸钙溶液 (50%或以下) CALCIUM NITRATE SOLUTION (50% OR LESS)		18
蔗糖蜜 (a) Cane molasses (a)	糖蜜 MOLASSES	18
菜籽油 Canola oil	菜籽油 (低芥酸含 4%以下的游离脂肪酸) RAPESEED OIL (LOW ERUCIC ACID CONTAINING LESS THAN 4% FREE FATTY ACIDS)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
癸酸 Capric acid	癸酸 DECANOIC ACID	17
己酸 Caproic acid	己酸 HEXANOIC ACID	17
己内酰胺 Caprolactam	ϵ -己内酰胺（熔融或水溶液） EPSILON-CAPROLACTAM (MOLTEN OR AQUEOUS SOLUTIONS)	17
ϵ-己内酰胺（熔融或水溶液） EPSILON-CAPROLACTAM (MOLTEN OR AQUEOUS SOLUTIONS)		17
己醇 Caproyl alcohol	己醇 HEXANOL	17
辛醇（a） Capryl alcohol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
辛酸（a） Caprylic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
乙酸辛酯 Caprylyl acetate	乙酸正辛酯 N-OCTYL ACETATE	17
尿素溶液 Carbamide solution	尿素溶液 UREA SOLUTION	17
甲醇 Carbinol	甲醇（*） METHYL ALCOHOL（*）	17
卡必醇醋酸酯（a） Carbitol acetate (a)	聚（2-8）亚烷基乙二醇单烷基（C1-C6）醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
卡必醇溶剂（a） Carbitol solvent (a)	聚（2-8）亚烷基乙二醇单烷基（C1-C6）醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
石炭酸 Carbolic acid	苯酚 PHENOL	17
酚油 CARBOLIC OIL		17
二硫化碳 Carbon bisulphide	二硫化碳 CARBON DISULPHIDE	17
二硫化碳 CARBON DISULPHIDE		17
四氯化碳 CARBON TETRACHLORIDE		17
羰基二酰胺溶液 Carbonyldiamide solution	尿素溶液 UREA SOLUTION	17
羰基二胺溶液 Carbonyldiamine solution	尿素溶液 UREA SOLUTION	17
羧基乙基亚氨基二（硝基乙烯）十四乙酸盐，五钠盐 Carboxyethyliminobis(ethylenenitrilo)tetraacetic acid, pentasodium salt solution	二亚乙基三胺五乙酸，五钠盐溶液 DIETHYLENETRIAMINEPENTAACETIC ACID, PENTASODIUM SALT SOLUTION	17
腰果壳油（未处理）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
CASHEW NUT SHELL OIL (UNTREATED)		
蓖麻油 CASTOR OIL		17
苛性苏打 Caustic potash solution	氢氧化钾溶液 (*) POTASSIUM HYDROXIDE SOLUTION (*)	17
苛性钠 Caustic soda	氢氧化钠溶液 (*) SODIUM HYDROXIDE SOLUTION (*)	17
苛性钠溶液 Caustic soda solution	氢氧化钠溶液 (*) SODIUM HYDROXIDE SOLUTION (*)	17
乙酸溶纤剂 Cellosolve acetate	2-乙氧基乙酸乙酯 2-ETHOXYETHYL ACETATE	17
铯钾盐溶液 Cesium formate solution	甲酸铯溶液 (*) CESIUM FORMATE SOLUTION (*)	17
甲酸铯溶液 (*) CESIUM FORMATE SOLUTION (*)		
十六烷基/二十烷基甲基丙烯酸酯混合物 CETYL/EICOSYL METHACRYLATE MIXTURE		17
十六(烷)十八烷醇(a) Cetyl / stearyl alcohol (a)	醇类(C13+) ALCOHOLS (C13+)	17
高岭土 China clay	高岭土浆 KAOLIN SLURRY	18
氯化石蜡(C10-C13) CHLORINATED PARAFFINS (C10-C13)		17
氯化石蜡(C14-C17) (含有50%或以上的氯, 且少于1%的C13或短链) CHLORINATED PARAFFINS (C14-C17) (WITH 50% CHLORINE OR MORE, AND LESS THAN 1% C13 OR SHORTER CHAINS)		17
氯乙酸(80%或以下) CHLOROACETIC ACID (80% OR LESS)		17
α -氯化烯丙基氯 alpha-Chloroallyl chloride	1,3-二氯丙烯 1,3-DICHLOROPROPENE	17
氯丙炔 Chloroallylene	丙烯基氯 ALLYL CHLORIDE	17
氯苯 CHLOROBENZENE		17
氯苯 Chlorobenzol	氯苯 CHLOROBENZENE	17
氯溴甲烷 Chlorobromomethane	溴氯甲烷 BROMOCHLOROMETHANE	17
1-氯-2-(β -氯乙氧基)乙烷 1-Chloro-2-(beta-chloroethoxy)ethane	二氯乙醚 DICHLOROETHYL ETHER	17
1-氯-2,3-环氧丙烷 1-Chloro-2,3-epoxypropane	表氯醇 EPICHLOROHYDRIN	17
2-氯乙醇 2-Chloroethanol	氯乙醇 ETHYLENE CHLOROHYDRIN	17
2-氯-正-乙氧基甲基-6-乙酸乙酯-邻-正-某酰基甲苯胺	乙草胺	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-Chloro-N-ethoxymethyl-6'-ethylacet-o-toluidide	ACETOCHLOR	
2-氯-正-(乙氧基甲基-正-(2-乙基)-6-甲酚)乙酰胺 2-Chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide	乙草胺 ACETOCHLOR	17
2-氯乙醇 2-Chloroethyl alcohol	氯乙醇 ETHYLENE CHLOROXYDRIN	17
β -氯乙醇 beta-Chloroethyl alcohol	氯乙醇 ETHYLENE CHLOROXYDRIN	17
氯乙醚 Chloroethyl ether	二氯乙醚 DICHLOROETHYL ETHER	17
2-氯-6'-乙基-正-(2-甲氧基-1-甲基乙基)从乙酰-甲苯胺 2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)acet-o-toluidide	N-(2-甲氧基-1-甲基乙基)-2-乙基-6-甲基乙酰胺 N-(2-METHOXY-1-METHYLETHYL)-2-ETHYL-6-METHYLCHLOROACETANILIDE	17
2-氯-N-(2-乙基-6-甲基苯基)-N-(2-甲氧基-1-甲基乙基)-N-乙酰甲苯胺 2-Chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide	N-(2-甲氧基-1-甲基乙基)-2-乙基-6-甲基乙酰胺 N-(2-METHOXY-1-METHYLETHYL)-2-ETHYL-6-METHYLCHLOROACETANILIDE	17
氯仿 CHLOROFORM		17
氯乙醇(粗制) CHLOROXYDRINS (CRUDE)		17
间-氯甲基苯 m-Chloromethylbenzene	间氯甲苯 M-CHLOROTOLUENE	17
邻-氯甲基苯 o-Chloromethylbenzene	邻氯甲苯 O-CHLOROTOLUENE	17
对-氯甲基苯 p-Chloromethylbenzene	对氯甲苯 P-CHLOROTOLUENE	17
氯甲基环氧乙烷 (Chloromethyl)ethylene oxide	表氯醇 EPICHLOROXYDRIN	17
(2-氯-1-甲基乙基)醚 (2-Chloro-1-methylethyl) ether	2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER	17
2-氯-1-甲基乙基醚 2-Chloro-1-methylethyl ether	2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER	17
氯甲基环氧乙烷 Chloromethyloxirane	表氯醇 EPICHLOROXYDRIN	17
4-氯-2-甲基苯氧基乙酸, 二甲胺盐溶液 4-CHLORO-2-METHYLPHENOXYACETIC ACID, DIMETHYLAMINE SALT SOLUTION		17
1-氯-2-硝基苯 1-Chloro-2-nitrobenzene	邻-氯硝基苯 O-CHLORONITROBENZENE	17
邻-氯硝基苯 O-CHLORONITROBENZENE		17
1-(4-氯苯基)-4,4-二甲基-戊-3-酮 1-(4-CHLOROPHENYL)-4,4-DIMETHYL-PENTAN-3-ONE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-或3-氯丙酸 2- or 3- Chloropropanoic acid	2-或 3-氯丙酸 2- OR 3-CHLOROPROPIONIC ACID	17
3-氯丙烯 3-Chloropropene	丙烯基氯 ALLYL CHLORIDE	17
2-或3-氯丙酸 2- OR 3-CHLOROPROPIONIC ACID		17
α -或 β -氯丙酸 alpha- or beta- Chloropropionic acid	2-或3-氯丙酸 2- OR 3-CHLOROPROPIONIC ACID	17
3-氯丙烯 3-Chloropropylene	丙烯基氯 ALLYL CHLORIDE	17
α -氯丙烯 alpha-Chloropropylene	丙烯基氯 ALLYL CHLORIDE	17
环氧氯丙烷 Chloropropylene oxide	表氯醇 EPICHLOROHYDRIN	17
氯磺酸 CHLOROSULPHONIC ACID		17
氯硫酸 Chlorosulphuric acid	氯磺酸 CHLOROSULPHONIC ACID	17
3-氯甲苯 3-Chlorotoluene	间氯甲苯 M-CHLOROTOLUENE	17
4-氯甲苯 4-Chlorotoluene	对氯甲苯 P-CHLOROTOLUENE	17
α -氯甲苯 alpha-Chlorotoluene	苄基氯 BENZYL CHLORIDE	17
间氯甲苯 M-CHLOROTOLUENE		17
邻氯甲苯 O-CHLOROTOLUENE		17
对氯甲苯 P-CHLOROTOLUENE		17
氯甲苯（所有异构体） CHLOROTOLUENES (MIXED ISOMERS)		17
胆碱盐酸盐溶液 CHOLINE CHLORIDE SOLUTIONS		17
莰烯 Cinene	二戊烯 DIPENTENE	17
肉桂烯 Cinnamene	苯乙烯单体 STYRENE MONOMER	17
肉桂醇 Cinnamol	苯乙烯单体 STYRENE MONOMER	17
顺-丁烯二酸酐 cis-Butenedioic anhydride	顺丁烯二酐 MALEIC ANHYDRIDE	17
顺--9-十八烯酸 cis-9-Octadecenoic acid	油酸 OLEIC ACID	17
柠檬酸（70%或以下） CITRIC ACID (70% OR LESS)		17
黏土泥浆		18

索引名称 Index Name	货物名称 Product Name	章 Chapter
CLAY SLURRY		
煤泥浆 COAL SLURRY		18
煤焦油 COAL TAR		17
煤焦油馏出物 Coal tar distillate	煤焦油石脑油溶剂 COAL TAR NAPHTHA SOLVENT	17
煤焦油石脑油溶剂 COAL TAR NAPHTHA SOLVENT		17
煤焦油沥青（熔融的）（*） COAL TAR PITCH (MOLTEN) (*)		17
可可脂 COCOA BUTTER		17
椰子油 COCONUT OIL		17
椰子油脂肪酸 COCONUT OIL FATTY ACID		17
椰子油脂肪酸甲酯 COCONUT OIL FATTY ACID METHYL ESTER		17
胆胺 Colamine	乙醇胺 ETHANOLAMINE	17
香水级乙醇 Cologne spirits	乙醇 ETHYL ALCOHOL	18
甲醇 Colonial spirit	甲醇（*） METHYL ALCOHOL (*)	17
松香 Colophony	松香 ROSIN	17
甲醇 Columbian spirit	甲醇（*） METHYL ALCOHOL (*)	17
甲醇 Columbian spirits	甲醇（*） METHYL ALCOHOL (*)	17
长链（C17+）烷酸铜盐 COPPER SALT OF LONG CHAIN (C17+) ALKANOIC ACID		17
玉米油 CORN OIL		17
棉籽油 COTTON SEED OIL		17
杂酚油（煤焦油） CREOSOTE (COAL TAR)		17
甲酚/苯酚/二甲苯酚混合物 CRESOL/PHENOL/XYLENOL MIXTURE		17
甲酚（所有异构体） CRESOLS (ALL ISOMERS)		17
甲酚酸，已脱酚 CRESYLIC ACID, DEPHENOLIZED		17
甲基苯酸	甲酚（所有异构体）	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Cresylic acids	CRESOLS (ALL ISOMERS)	
甲酚酸, 钠盐溶液 CRESYLIC ACID, SODIUM SALT SOLUTION		17
甲苯酚 Cresylols	甲酚 (所有异构体) CRESOLS (ALL ISOMERS)	17
巴豆醛 CROTONALDEHYDE		17
巴豆醛 Crotonic aldehyde	巴豆醛 CROTONALDEHYDE	17
CTMP (化学热力机械泥浆) 浓液 CTMP (Chemi Thermo Mechanical Pulp) concentrate	含乙酸钠/草酸钠的木质素 WOOD LIGNIN WITH SODIUM ACETATE/OXALATE	17
异丙基苯 (a) Cumene (a)	丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)	17
异丙基苯 (a) Cumol (a)	丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)	17
丙烯腈 Cyanoethylene	丙烯腈 ACRYLONITRILE	17
2-氰基丙烷-2-醇 2-Cyanopropan-2-ol	丙酮氰醇 ACETONE CYANOHYDRIN	17
2-氰 (基) -2-丙醇 2-Cyano-2-propanol	丙酮氰醇 ACETONE CYANOHYDRIN	17
2-氰基丙烯-1 2-cyanopropene-1	甲基丙烯腈 METHACRYLONITRILE	17
碳酸环丙烯 Cyclic propylene carbonate	碳酸丙烯 PROPYLENE CARBONATE	18
1,5,9-环十二碳三烯 1,5,9-CYCLODODECATRIENE		17
环庚烷 CYCLOHEPTANE		17
环六亚甲基亚胺 Cyclohexamethylenimine	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
环己烷 CYCLOHEXANE		17
环己醇 CYCLOHEXANOL		17
环己酮 CYCLOHEXANONE		17
环己酮、环己醇混合物 CYCLOHEXANONE, CYCLOHEXANOL MIXTURE		17
环己三烯 Cyclohexatriene	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE(I)	17
乙酸环己酯 CYCLOHEXYL ACETATE		17
环己胺 CYCLOHEXYLAMINE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
环基二甲基胺 Cyclohexyldimethylamine	N,N-二甲基环己胺 N,N-DIMETHYLCYCLOHEXYLAMINE	17
环己基(乙基)胺 Cyclohexyl(ethyl)amine	N-乙基环己胺 N-ETHYLCYCLOHEXYLAMINE	17
环己基酮 Cyclohexyl ketone	环己酮 CYCLOHEXANONE	17
环己基甲烷 Cyclohexylmethane	甲基环己烷 METHYLCYCLOHEXANE	17
1,3-环戊二烯二聚体(熔融的) 1,3-CYCLOPENTADIENE DIMER (MOLTEN)		17
环戊烷 CYCLOPENTANE		17
环戊烯 CYCLOPENTENE		17
四氢呋喃 Cyclotetramethylene oxide	四氢呋喃 TETRAHYDROFURAN	17
对-甲基异丙基苯 P-CYMENE		17
甲基异丙基苯 Cymol	对-甲基异丙基苯 P-CYMENE	17
氯丙酸(ISO) Dalapon(ISO)	2,2-二氯丙酸 2,2-DICHLOROPROPIONIC ACID	17
DCDP DCDP	二环戊二烯, 树脂级, 81-89% DICYCLOPENTADIENE, RESIN GRADE, 81-89%	17
二甲胺乙醇 Deanol	二甲基乙醇胺 DIMETHYLETHANOLAMINE	17
十氢化萘 DECAHYDRONAPHTHALENE		17
癸酸 DECANOIC ACID		17
十-1-醇 Decan-1-ol	癸醇(所有异构体) DECYL ALCOHOL (ALL ISOMERS)	17
正-癸醇 n-Decanol	癸醇(所有异构体) DECYL ALCOHOL (ALL ISOMERS)	17
癸酸 Decatoic acid	癸酸 DECANOIC ACID	17
癸烯 DECENE		17
癸酸 Decoic acid	癸酸 DECANOIC ACID	17
丙烯酸癸酯 DECYL ACRYLATE		17
癸醇 Decyl alcohol	癸醇(所有异构体) DECYL ALCOHOL (ALL ISOMERS)	17
癸醇(所有异构体) DECYL ALCOHOL (ALL ISOMERS)		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
癸基苯 (a) Decylbenzene (a)	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
癸醇/十二烷基醇/十四烷基醇混合物 DECYL/DODECYL/TETRADECYL ALCOHOL MIXTURE		17
癸酸 Decylic acid	癸酸 DECANOIC ACID	17
癸基辛基己二酸 Decyl octyl adipate	辛基癸基己二酸酯 OCTYL DECYL ADIPATE	17
癸基氧化四氢噻吩二氧化物 DECYLOXYTETRAHYDROTHIOPHENE DIOXIDE		17
1-脱氧-1-甲基氨基-D-葡糖醇 1-Deoxy-1-methylamino-D-glucitol solution (70% or less)	N-甲基甲酸甲酯溶液 (70%或以下) N-METHYLGLUCAMINE SOLUTION (70% OR LESS)	17
洗涤剂用烷基化物 Detergent alkylate	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
双乙酸酯 Diacetic ester	乙酰乙酸乙酯 ETHYL ACETOACETATE	17
双丙酮 Diacetone	二丙酮醇 DIACETONE ALCOHOL	17
二丙酮醇 DIACETONE ALCOHOL		17
亚磷酸氢双[烷基/烯基 (C10-C20)]酯 (a) Di[alkyl/alkenyl(C10-C20)] hydrogen phosphite (a)	烷基 (C10-C20, 饱和及不饱和) 亚磷酸酯 ALKYL (C10-C20, SATURATED AND UNSATURATED) PHOSPHITE	17
二烷基 (C8-C9) 二苯胺 DIALKYL (C8-C9) DIPHENYLAMINES		17
二烷基 (C7-C13) 邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES		17
二烷基 (C9-C10) 邻苯二甲酸酯 DIALKYL (C9-C10) PHTHALATES		17
二烷基硫代磷酸钠溶液 DIALKYL THIOPHOSPHATES SODIUM SALTS SOLUTION		17
1,2-二氨基乙烷 1,2-Diaminoethane	乙二胺 ETHYLENEDIAMINE	17
1,6-二氨基己烷 1,6-Diaminohexane	六亚甲基二胺 (熔融的) HEXAMETHYLENEDIAMINE (MOLTEN)	17
1,6-二氨基己烷溶液 1,6-Diaminohexane solutions	六亚甲基二胺溶液 HEXAMETHYLENEDIAMINE SOLUTION	17
2,6-二氨基乙酸 2,6-Diaminohexanioc acid	L-赖氨酸溶液 (60%或以下) L-LYSINE SOLUTION (60% OR LESS)	17
二氨基甲苯 (a) Diaminotoluene (a)	甲苯二胺 TOLUENEDIAMINE	17
2, 4-二氨基甲苯 (a) 2,4-Diaminotoluene (a)	甲苯二胺 TOLUENEDIAMINE	17
2, 6 二氨基甲苯 (a) 2,6-Diaminotoluene (a)	甲苯二胺 TOLUENEDIAMINE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
3,6-二氮辛烷-1,8-二胺 3,6-Diazaoctane-1,8-diamine	三亚乙基四胺 TRIETHYLENETETRAMINE	17
1,2-二溴乙烷 1,2-Dibromoethane	二溴乙烷 ETHYLENE DIBROMIDE	17
二溴甲烷 DIBROMOMETHANE		17
2,2'-二丁氧基醚 2,2'-Dibutoxyethyl ether	二甘醇二丁基醚 DIETHYLENE GLYCOL DIBUTYL ETHER	17
二丁胺 DIBUTYLAMINE		17
1,2-二羧酸盐二丁基苯 Dibutylbenzene-1,2-dicarboxylate	邻苯二甲酸二丁酯 DIBUTYL PHTHALATE	17
二丁基甲醇 (a) Dibutyl carbinol (a)	壬醇 (所有异构体) NONYL ALCOHOL (ALL ISOMERS)	17
二丁醚 Dibutyl ether	正丁醚 N-BUTYL ETHER	17
正-二丁醚 n-Dibutyl ether	正丁醚 N-BUTYL ETHER	17
磷酸盐氢二丁酯 Dibutyl hydrogen phosphite	二丁基磷酸氢酯 DIBUTYL HYDROGEN PHOSPHONATE	17
二丁基磷酸氢酯 DIBUTYL HYDROGEN PHOSPHONATE		17
2,6-二-叔-丁基苯酚 2,6-DI-TERT-BUTYLPHENOL		17
磷酸氢二丁酯 Dibutyl phosphonate	二丁基磷酸氢酯 DIBUTYL HYDROGEN PHOSPHONATE	17
邻苯二甲酸二丁酯 DIBUTYL PHTHALATE		17
邻苯二甲酸二丁酯 Dibutyl ortho-phthalate	邻苯二甲酸二丁酯 DIBUTYL PHTHALATE	17
对苯二甲酸二丁酯 DIBUTYL TEREPHTHALATE		17
二氯苯 (所有异构体) DICHLOROBENZENE (ALL ISOMERS)		17
1,2-二氯 (代) 苯 (a) 1,2-Dichlorobenzene (a)	二氯苯 (所有异构体) DICHLOROBENZENE (ALL ISOMERS)	17
间二氯苯 (a) m-Dichlorobenzene (a)	二氯苯 (所有异构体) DICHLOROBENZENE (ALL ISOMERS)	17
邻二氯苯 (a) o-Dichlorobenzene (a)	二氯苯 (所有异构体) DICHLOROBENZENE (ALL ISOMERS)	17
3,4-二氯丁烯-1 3,4-Dichlorobut-1-ene	3,4-二氯-1-丁烯 3,4-DICHLORO-1-BUTENE	17
3,4-二氯-1-丁烯 3,4-DICHLORO-1-BUTENE		17
2,2'-二氯二乙醚 2,2'-Dichlorodiethyl ether	二氯乙醚 DICHLOROETHYL ETHER	17
二氯二异丙醚	2,2'-二氯异丙醚	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Dichlorodiisopropyl ether	2,2'-DICHLOROISOPROPYL ETHER	
1,1-二氯乙烷 1,1-DICHLOROETHANE		17
1,2-二氯乙烷 1,2-Dichloroethane	二氯乙烷 ETHYLENE DICHLORIDE	17
1,1-二氯乙烯 1,1-Dichloroethene	二氯乙烯 VINYLIDENE CHLORIDE	17
二氯醚 Dichloroether	二氯乙醚 DICHLOROETHYL ETHER	17
1,1-二氯乙烯 1,1-Dichloroethylene	二氯乙烯 VINYLIDENE CHLORIDE	17
二氯乙醚 DICHLOROETHYL ETHER		17
2,2'-二氯乙醚 2,2'-Dichloroethyl ether	二氯乙醚 DICHLOROETHYL ETHER	17
二氯乙醚 Dichloroethyl oxide	二氯乙醚 DICHLOROETHYL ETHER	17
1,6-二氯己烷 1,6-DICHLOROHEXANE		17
2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER		17
二氯甲烷 DICHLOROMETHANE		17
2,4-二氯苯酚 2,4-DICHLOROPHENOL		17
2,4-二氯苯氧乙酸, 二乙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, DIETHANOLAMINE SALT SOLUTION		17
2,4-二氯苯氧乙酸, 二甲基胺盐溶液 (70%或以下) 2,4-DICHLOROPHENOXYACETIC ACID, DIMETHYLAMINE SALT SOLUTION (70% OR LESS)		17
2,4-二氯苯氧乙酸, 三异丙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, TRISOPROPANOLAMINE SALT SOLUTION		17
1,1-二氯丙烷 1,1-DICHLOROPROPANE		17
1,2-二氯丙烷 1,2-DICHLOROPROPANE		17
二氯丙烷/二氯丙烯混合物 Dichloropropane / dichloropropene mixtures	二氯丙烯/二氯丙烷混合物 DICHLOROPROPENE/DICHLOROPROPANE MIXTURES	17
2,2-二氯丙烷酸 2,2-Dichloropropanoic acid	2,2-二氯丙酸 2,2-DICHLOROPROPIONIC ACID	17
1,3-二氯丙烯 1,3-DICHLOROPROPENE		17
二氯丙烯/二氯丙烷混合物 DICHLOROPROPENE/DICHLOROPROPANE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
MIXTURES		
2,2-二氯丙酸 2,2-DICHLOROPROPIONIC ACID		17
二氯丙烯 Dichloropropylene	1,3-二氯丙烯 1,3-DICHLOROPROPENE	17
1,4-二氰基丁烷 1,4-Dicyanobutane	己二腈 ADIPONITRILE	17
二环戊二烯 Dicyclopentadiene	1,3-环戊二烯二聚体（熔融的） 1,3-CYCLOPENTADIENE DIMER (MOLTEN)	17
双环戊二烯，树脂级，81-89% DICYCLOPENTADIENE, RESIN GRADE, 81-89%		17
邻苯二甲酸二癸酯（a） Didecyl phthalate (a)	二烷基（C7-C13）邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
邻苯二甲酸双十二烷酯（a） Didodecyl phthalate (a)	二烷基（C7-C13）邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
二乙醇胺 DIETHANOLAMINE		17
二乙胺 DIETHYLAMINE		17
二乙胺基乙醇 DIETHYLAMINOETHANOL		17
2-二乙胺基乙醇 2-Diethylaminoethanol	二乙胺基乙醇 DIETHYLAMINOETHANOL	17
2,6-二乙基苯胺 2,6-DIETHYLANILINE		17
二乙苯 DIETHYLBENZENE		17
二乙基'卡必醇' Diethyl 'carbitol'	二甘醇二乙基醚 DIETHYLENE GLYCOL DIETHYL ETHER	17
二乙二醇 Diethylene dioxide	1,4-二噁烷 1,4-DIOXANE	17
1,4-二乙烯化氧 1,4-Diethylene dioxide	1,4-二噁烷 1,4-DIOXANE	17
二亚乙基醚 Diethylene ether	1,4-二噁烷 1,4-DIOXANE	17
二甘醇 DIETHYLENE GLYCOL		17
二乙烯甘醇丁醚（a） Diethylene glycol butyl ether (a)	聚（2-8）亚烷基乙二醇单烷基（C1-C6）醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇丁醚乙酸盐（a） Diethylene glycol butyl ether acetate (a)	聚（2-8）亚烷基乙二醇单烷基（C1-C6）醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二甘醇二丁基醚 DIETHYLENE GLYCOL DIBUTYL ETHER		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
二甘醇二乙基醚 DIETHYLENE GLYCOL DIETHYL ETHER		17
二乙烯甘醇乙醚 (a) Diethylene glycol ethyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇乙醚乙酸盐 (a) Diethylene glycol ethyl ether acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二乙烯甘醇甲醚 (a) Diethylene glycol methyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇甲醚乙酸盐 (a) Diethylene glycol methyl ether acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二乙烯甘醇单丁醚 (a) Diethylene glycol monobutyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇单丁醚乙酸盐 (a) Diethylene glycol monobutyl ether acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二乙烯甘醇单乙醚 (a) Diethylene glycol monoethyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇单乙醚乙酸盐 (a) Diethylene glycol monoethyl ether acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二乙烯甘醇单甲醚 (a) Diethylene glycol monomethyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
二乙烯甘醇单甲醚乙酸盐 (a) Diethylene glycol monomethyl ether acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
二甘醇邻苯二甲酸酯 DIETHYLENE GLYCOL PHTHALATE		17
二亚乙基三胺 DIETHYLENETRIAMINE		17
二亚乙基三胺五乙酸, 五钠盐溶液 DIETHYLENETRIAMINEPENTAACETIC ACID, PENTASODIUM SALT SOLUTION		17
N,N-二乙基乙胺 N,N-Diethylethanamine	三乙胺 TRIETHYLAMINE	17
N,N-二乙基乙醇胺 N,N-Diethylethanolamine	二乙胺基乙醇 DIETHYLAMINOETHANOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
二乙醚 (*) DIETHYL ETHER (*)		17
二-(2-乙基己基) 乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE		17
二-(2-乙基己基) 磷酸 DI-(2-ETHYLHEXYL) PHOSPHORIC ACID		17
二(2-乙基己基) 对苯二甲酸酯 Di (2-ethylhexyl) Terephthalate	二(2-乙基己基) 对苯二甲酸 BIS (2-ETHYLHEXYL) TEREPHTHALATE	17
二乙基氧化物 Diethyl oxide	二乙醚 (*) DIETHYL ETHER (*)	17
邻苯二甲酸二乙酯 DIETHYL PHTHALATE		17
硫酸二乙酯 DIETHYL SULPHATE		17
乙二醛 Diformyl	乙二醛溶液 (40%或以下) GLYOXAL SOLUTION (40% OR LESS)	17
双酚 A 二环氧甘油醚 DIGLYCIDYL ETHER OF BISPHENOL A		17
双酚F二环氧甘油醚 DIGLYCIDYL ETHER OF BISPHENOL F		17
二甘醇 Diglycol	二甘醇 DIETHYLENE GLYCOL	17
二甘醇胺 Diglycolamine	2-(2-氨基乙氧基) 乙醇 2-(2-AMINOETHOXY) ETHANOL	17
二甘醇邻苯二甲酸酯 Diglycol phthalate	二甘醇邻苯二甲酸酯 DIETHYLENE GLYCOL PHTHALATE	17
二庚基邻苯二甲酸酯 DIHEPTYL PHTHALATE		17
二-正-己基己二酸酯 DI-N-HEXYL ADIPATE		17
二己基邻苯二甲酸酯 DIHEXYL PHTHALATE		17
1,3-二氢异苯并呋喃-1,3-二酮 (熔融的) 1,3-Dihydroisobenzofuran-1,3-dione (molten)	邻苯二甲酸酐 (熔融的) PHTHALIC ANHYDRIDE (MOLTEN)	17
2,3-二羟丁烷 (a) 2,3-Dihydroxybutane (a)	丁二醇 BUTYLENE GLYCOL	17
2,2'-二羟二乙胺 2,2'-Dihydroxydiethylamine	二乙醇胺 DIETHANOLAMINE	17
二-(2-羟乙基) 胺 Di-(2-hydroxyethyl)amine	二乙醇胺 DIETHANOLAMINE	17
二羟乙基醚 Dihydroxyethyl ether	二甘醇 DIETHYLENE GLYCOL	17
1,6-二羟己烷 1,6-Dihydroxyhexane	己二醇 HEXAMETHYLENE GLYCOL	17
1,2-二羟丙烷 1,2-Dihydroxypropane	丙二醇 PROPYLENE GLYCOL	18
二异丁烯	二异丁烯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Diisobutene	DIISOBUTYLENE	
二异丁胺 DIISOBUTYLAMINE		17
二异丁基甲醇 (a) Diisobutylcarbinol (a)	壬醇 (所有异构体) NONYL ALCOHOL (ALL ISOMERS)	17
二异丁烯 DIISOBUTYLENE		17
α -二异丁烯 (a) alpha-Diisobutylene (a)	二异丁烯 DIISOBUTYLENE	17
β -二异丁烯 (a) beta-Diisobutylene (a)	二异丁烯 DIISOBUTYLENE	17
二异丁基甲酮 DIISOBUTYL KETONE		17
邻苯二甲酸二异丁酯 DIISOBUTYL PHTHALATE		17
2,4-二异氰酸根合-1-甲苯 2,4-diisocyanato-1-methylbenzene	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
2,4-二异氰酸根合甲苯 2,4-Diisocyanatotoluene	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
邻苯二甲酸二异癸酯 (a) Diisodecyl phthalate (a)	二烷基 (C7-C13) 邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
己二酸二异壬酯 DIISONONYL ADIPATE		17
邻苯二甲酸二异壬酯 (a) Diisononyl phthalate (a)	二烷基 (C7-C13) 邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
邻苯二甲酸二异辛酯 DIISOCTYL PHTHALATE		17
二异丙醇胺 DIISOPROPANOLAMINE		17
二异丙胺 DIISOPROPYLAMINE		17
二异丙苯 (所有异构体) DIISOPROPYLBENZENE (ALL ISOMERS)		17
二异丙醚 Diisopropyl ether	异丙醚 ISOPROPYL ETHER	17
二异丙基萘 DIISOPROPYLNAPHTHALENE		17
二异丙基氧化物 Diisopropyl oxide	异丙醚 ISOPROPYL ETHER	17
N,N-二甲基乙酰胺 N,N-DIMETHYLACETAMIDE		17
N,N-二甲基乙酰胺溶液 (40%或以下) N,N-DIMETHYLACETAMIDE SOLUTION (40% OR LESS)		17
二甲基乙炔甲醇 Dimethylacetylene carbinol	2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE	17
二甲基己二酸酯		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
DIMETHYL ADIPATE		
二甲胺溶液（45%或以下） DIMETHYLAMINE SOLUTION (45% OR LESS)		17
二甲胺溶液（45%以上但不超过 55%） DIMETHYLAMINE SOLUTION (GREATER THAN 45% BUT NOT GREATER THAN 55%)		17
二甲胺溶液（55%以上但不超过 65%） DIMETHYLAMINE SOLUTION (GREATER THAN 55% BUT NOT GREATER THAN 65%)		17
二甲基氨乙醇 Dimethylaminoethanol	二甲基乙醇胺 DIMETHYLETHANOLAMINE	17
2-二甲基氨乙醇 2-(Dimethylamino)ethanol	二甲基乙醇胺 DIMETHYLETHANOLAMINE	17
二甲基苯 Dimethylbenzenes	二甲苯 XYLENES	17
1,3-二甲基丁醇 1,3-Dimethylbutanol	甲基戊基醇 METHYLAMYL ALCOHOL	17
1,3-二甲基丁-1-醇 1,3-Dimethylbutan-1-ol	甲基戊基醇 METHYLAMYL ALCOHOL	17
醋酸1,3-二甲基丁酯（a） 1,3-Dimethylbutyl acetate (a)	乙酸甲基戊酯 METHYLAMYL ACETATE	17
二甲基甲醇 Dimethylcarbinol	异丙醇 ISOPROPYL ALCOHOL	18
N,N-二甲基环己胺 N,N-DIMETHYLCYCLOHEXYLAMINE		17
二甲基二硫 DIMETHYL DISULPHIDE		17
N,N-二甲基十二烷胺 N,N-Dimethyldodecanamine	烷基（C12+）二甲胺 ALKYL (C12+) DIMETHYLAMINE	17
N,N-二甲基十二烷-1-胺 N,N-Dimethyldodecan-1-amine	N,N-二甲基十二烷基胺 N,N-DIMETHYLDODECYLAMINE	17
N,N-二甲基十二烷基胺 N,N-DIMETHYLDODECYLAMINE		17
1,1-二甲基乙醇 1,1-Dimethylethanol	叔丁醇 TERT-BUTYL ALCOHOL	17
二甲基乙醇胺 DIMETHYLETHANOLAMINE		17
1,1-二甲基乙醇 1,1-Dimethylethyl alcohol	叔丁醇 TERT-BUTYL ALCOHOL	17
二甲基乙甲醇 Dimethyl ethyl carbinol	叔戊醇 TERT-AMYL ALCOHOL	17
1,1-二甲基乙基甲醚 1,1-dimethylethyl methyl ether	甲基叔丁基醚 METHYL TERT-BUTYL ETHER	17
二甲基甲醛 Dimethyl formaldehyde	丙酮 ACETONE	18
二甲基甲酰胺 DIMETHYLFORMAMIDE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
戊二酸二甲酯 DIMETHYL GLUTARATE		17
2,6-二甲基-4-庚酮 2,6-Dimethyl-4-heptanone	二异丁基甲酮 DIISOBUTYL KETONE	17
2,6-二甲基庚烷-4-酮 2,6-Dimethylheptan-4-one	二异丁基甲酮 DIISOBUTYL KETONE	17
N,N-二甲基己胺 (a) N,N-Dimethylhexanamine (a)	烷基 (C12+) 二甲胺 ALKYL (C12+) DIMETHYLAMINE	17
亚磷酸氢二甲酯 DIMETHYL HYDROGEN PHOSPHITE		17
二甲基羟基苯 (所有异构体) Dimethylhydroxybenzenes (all isomers)	二甲苯酚 XYLENOL	17
1,1'-二甲基-2,2'-亚氨基二乙醇 1,1'-Dimethyl-2,2'-iminodiethanol	二异丙醇胺 DIISOPROPANOLAMINE	17
二甲基缩酮 Dimethyl ketal	丙酮 ACETONE	18
二甲基酮 Dimethyl ketone	丙酮 ACETONE	18
N,N-二甲基月桂胺 N,N-dimethyl laurylamine	N,N-二甲基十二烷基胺 N,N-DIMETHYLDODECYLAMINE	17
N,N-二甲基甲胺 N,N-Dimethylmethanamine	三甲胺溶液 (30%或以下) TRIMETHYLAMINE SOLUTION (30% OR LESS)	17
N,N-二甲基甲胺 N,N-Dimethylmethylamine	三甲胺溶液 (30%或以下) TRIMETHYLAMINE SOLUTION (30% OR LESS)	17
6,6-二甲基-2-亚甲基二环[3.1.1]庚烷 6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptan	β -蒎烯 BETA-PINENE	17
二甲基辛酯 DIMETHYL OCTANOIC ACID		17
2,2-二甲基辛酸 (a) 2,2-Dimethyloctanoic acid (a)	新癸酸 NEODECANOIC ACID	17
2,3-二甲(苯)酚 (a) 2,3-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
2,4-二甲(苯)酚 (a) 2,4-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
2,5-二甲(苯)酚 (a) 2,5-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
2,6-二甲(苯)酚 (a) 2,6-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
3,4-二甲(苯)酚 (a) 3,4-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
3,5-二甲(苯)酚 (a) 3,5-Dimethylphenol (a)	二甲苯酚 XYLENOL	17
二甲(苯)酚 Dimethylphenols	二甲苯酚 XYLENOL	17
磷酸二甲基苯酯 (3:1) (所有异构体)	磷酸三二甲苯酯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Dimethylphenyl phosphate (3:1) (all isomers)	TRIXYLYL PHOSPHATE	
邻苯二甲酸二甲酯 DIMETHYL PHTHALATE		17
二甲基聚硅氧烷 DIMETHYLPOLYSILOXANE		17
2,2-二甲基丙烷 (a) 2,2-Dimethylpropane (a)	戊烷 (所有异构体) PENTANE (ALL ISOMERS)	17
2,2-二甲基丙烷-1,3-二醇 (熔融的或溶液) 2,2-DIMETHYLPROPANE-1,3-DIOL (MOLTEN OR SOLUTION)		17
2,2-二甲基丙酸 2,2-Dimethylpropanoic acid	三甲基乙酸 TRIMETHYLACETIC ACID	17
1,1-二甲基炔丙醇 1,1-Dimethylpropargyl alcohol	2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE	17
2,2-二甲基丙酸 2,2-Dimethylpropionic acid	三甲基乙酸 TRIMETHYLACETIC ACID	17
1,1-二甲基炔丙醇 1,1-Dimethylpropynol	2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE	17
二甲基琥珀酸酯 DIMETHYL SUCCINATE		17
N,N-二甲基十四胺 (a) N,N-Dimethyltetradecanamine (a)	烷基 (C12+) 二甲胺 ALKYL (C12+) DIMETHYLAMINE	17
二甲基十四胺 (a) Dimethyl(tetradecyl)amine (a)	烷基 (C12+) 二甲胺 ALKYL (C12+) DIMETHYLAMINE	17
3,9-二甲基三环 [5.2.1.0:2,6]癸-3,9-二烯 (烃) 3,9-Dimethyltricyclo[5.2.1.0;2,6]deca-3,9-diene	甲基环戊二烯二聚物 METHYLCYCLOPENTADIENE DIMER	17
二甲基亚丙基二醇 Dimethyltrimethylene glycol	2,2-二甲基丙烷-1,3-二醇 (熔融的或溶液) 2,2-DIMETHYLPROPANE-1,3-DIOL (MOLTEN OR SOLUTION)	17
二硝基甲苯 (熔融的) DINITROTOLUENE (MOLTEN)		17
邻苯二甲酸二壬酯 DINONYL PHTHALATE		17
邻苯二甲酸二壬酯 (a) Dinonyl phthalate (a)	二烷基 (C7-C13) 邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
3,6-二噁辛烷-1,8-二醇 3,6-Dioxaoctane-1,8-diol	三乙二醇 TRIETHYLENE GLYCOL	18
己二酸二辛酯 Dioctyl adipate	二- (2-乙基己基) 乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE	17
二辛基磷酸氢盐 Dioctyl hydrogen phosphate	二- (2-乙基己基) 磷酸 DI-(2-ETHYLHEXYL) PHOSPHORIC ACID	17
二辛基磷酸 Dioctyl phosphoric acid	二- (2-乙基己基) 磷酸 DI-(2-ETHYLHEXYL) PHOSPHORIC ACID	17
邻苯二甲酸二辛酯 DIOCTYL PHTHALATE		17
2,4-D-二油胺 2,4-D-diolumine	2,4-二氯苯氧乙酸, 二乙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, DIETHANOLAMINE SALT SOLUTION	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,4-二氧杂环乙烷 1,4-Dioxan	1,4-二噁烷 1,4-DIOXANE	17
1,4-二噁烷 1,4-DIOXANE		17
1,3-二氧戊环-2-酮 1,3-Dioxolan-2-one	碳酸乙烯酯 ETHYLENE CARBONATE	17
二氧杂环戊二烯酮-2 Dioxolone-2	碳酸乙烯酯 ETHYLENE CARBONATE	17
1,1-二氧硫羟烷 1,1-Dioxothiolan	环丁砜 SULPHOLANE	17
二氧乙烯醚 Dioxyethylene ether	1,4-二噁烷 1,4-DIOXANE	17
二戊烯 DIPENTENE		17
联苯 DIPHENYL		17
二苯胺（熔融的） DIPHENYLAMINE (MOLTEN)		17
二苯胺，与2,2,4-三甲基戊烯反应物质 DIPHENYLAMINE, REACTION PRODUCT WITH 2,2,4-TRIMETHYLPENTENE		17
二苯胺，烷基化的 DIPHENYLAMINES, ALKYLATED		17
联苯/二苯醚混合物 DIPHENYL/DIPHENYL ETHER MIXTURES		17
联苯/二苯醚混合物 Diphenyl/diphenyl oxide mixtures	联苯/二苯醚混合物 DIPHENYL/DIPHENYL ETHER MIXTURES	17
二苯基十二烷基醚二磺酸盐溶液 Diphenyl dodecyl ether disulphonate solution	十二烷基联苯醚二磺酸盐溶液 DODECYL DIPHENYL ETHER DISULPHONATE SOLUTION	17
二苯基十二烷基氧化物二磺酸盐溶液 Diphenyl dodecyl oxide disulphonate solution	十二烷基联苯醚二磺酸盐溶液 DODECYL DIPHENYL ETHER DISULPHONATE SOLUTION	17
二苯醚 DIPHENYL ETHER		17
二苯醚/二苯基二苯醚混合物 DIPHENYL ETHER/DIPHENYL PHENYL ETHER MIXTURE		17
二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE		17
二苯丙烷-表氯醇树脂 DIPHENYLOL PROPANE-EPICHLOROHYDRIN RESINS		17
二苯醚 Diphenyl oxide	二苯醚 DIPHENYL ETHER	17
二苯醚氧/二苯基二苯醚混合物 Diphenyl oxide / diphenyl phenyl ether mixture	二苯醚/二苯基二苯醚混合物 DIPHENYL ETHER/DIPHENYL PHENYL ETHER MIXTURE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
二丙基胺 Dipropylamine	二正丙胺 DI-N-PROPYLAMINE	17
正-二丙基胺 n-Dipropylamine	二正丙胺 DI-N-PROPYLAMINE	17
二正丙胺 DI-N-PROPYLAMINE		17
二丙基二醇 DIPROPYLENE GLYCOL		17
丙二醇甲醚 (a) Dipropylene glycol methyl ether (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
丙二醇单甲醚 (a) Dipropylene glycol monomethyl ether (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
碳酸二钠溶液 Disodium carbonate solution	碳酸钠溶液 (*) SODIUM CARBONATE SOLUTION (*)	17
馏出物 (石油), 蒸气裂化的, C8-C12 馏份 (a) Distillates (Petroleum), Steam Cracked, C8 - C12 Fraction (a)	树脂油, 提炼的 RESIN OIL, DISTILLED	17
二硫代氨基甲酸酯 (C7-C35) DITHIOCARBAMATE ESTER (C7-C35)		17
双十三烷基己二酸酯 DITRIDECYL ADIPATE		17
邻苯二甲酸 (二) 十三烷基酯 DITRIDECYL PHTHALATE		17
邻苯二甲酸 (二) 十一烷基酯 DIUNDECYL PHTHALATE		17
外-消旋乳酸 dl-Lactic acid	乳酸 LACTIC ACID	17
外-消旋-对-1,8-二烯 (烃) dl-p-Mentha-1,8-diene	二戊烯 DIPENTENE	17
廿二烷1-醇 (a) 1-Docosanol (a)	醇类 (C13+) ALCOHOLS (C13+)	17
廿二烷1-醇 (a) Docosan-1-ol (a)	醇类 (C13+) ALCOHOLS (C13+)	17
十二烷 (所有异构体) DODECANE (ALL ISOMERS)		17
叔-十二烷硫醇 TERT-DODECANETHIOL		17
十二烷酸 Dodecanoic acid	十二烷酸 LAURIC ACID	17
十二烷-1-醇 Dodecan-1-ol	十二烷基醇 DODECYL ALCOHOL	17
1-十二 (烷) 醇 1-Dodecanol	十二烷基醇 DODECYL ALCOHOL	17
正-十二 (烷) 醇 n-Dodecanol	十二烷基醇 DODECYL ALCOHOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
十二烯（所有异构体） DODECENE (ALL ISOMERS)		17
1-十二烯 1-DODECENE		17
1-十二烯 Dodec-1-ene	1-十二烯 1-DODECENE	17
十二烷基醇 DODECYL ALCOHOL		17
正-十二烷醇 n-Dodecyl alcohol	十二烷基醇 DODECYL ALCOHOL	17
十二烷胺/十四烷胺混合物 DODECYLAMINE/TETRADECYLAMINE MIXTURE		17
十二烷基苯 DODECYLBENZENE		17
十二烷基苯硫酸（含硫酸1.5%） Dodecylbenzenesulphonic acid (contains 1.5% sulphuric acid)	烷基（C11-C17）苯磺酸 ALKYL (C11-C17) BENZENE SULPHONIC ACID	17
十二烷基二甲胺 Dodecyl dimethylamine	N,N-二甲基十二烷基胺 N,N-DIMETHYLDODECYLAMINE	17
十二烷基联苯醚二磺酸酯溶液 DODECYL DIPHENYL ETHER DISULPHONATE SOLUTION		17
十二烷基二苯基氧化物二磺酸盐溶液 Dodecyl diphenyl oxide disulphonate solution	十二烷基联苯醚二磺酸酯溶液 DODECYL DIPHENYL ETHER DISULPHONATE SOLUTION	17
十二碳烯 Dodecylene	十二烯（所有异构体） DODECENE (ALL ISOMERS)	17
硫化十二烷基羟基丙醇 DODECYL HYDROXYPROPYL SULPHIDE		17
月桂酸 Dodecylic acid	十二烷酸 LAURIC ACID	17
正-十二烷基硫醇 N-DODECYL MERCAPTAN		17
叔-月桂基硫醇 tert-Dodecyl mercaptan	叔-十二烷硫醇 TERT-DODECANETHIOL	17
十二烷基丙烯酸酯 DODECYL METHACRYLATE		17
甲基丙烯酸十二烷酯 Dodecyl-2-methyl-2-propenoate	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
甲基丙烯酸十二烷酯 Dodecyl-2-methylprop-2-enoate	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
十二烷基/十八烷基甲基丙烯酸酯混合物 DODECYL/OCTADECYL METHACRYLATE MIXTURE		17
十二烷基/十五烷基甲基丙烯酸酯混合物 DODECYL/PENTADECYL METHACRYLATE MIXTURE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
十二烷基苯酚 DODECYL PHENOL		17
2-十二烷基硫-1-甲基乙醇 Dodecyl, Tetradecyl, hexadecyl-dimethylamine mixture	烷基 (C12+) 二甲胺 ALKYL (C12+) DIMETHYLAMINE	17
2-十二(烷)基硫-1-甲基乙醇 2-Dodecylthio-1-methylethanol	硫化十二烷基羟基丙醇 DODECYL HYDROXYPROPYL SULPHIDE	17
一十二烷基硫丙烷-2-醇 1-(Dodecylthio)propan-2-ol	硫化十二烷基羟基丙醇 DODECYL HYDROXYPROPYL SULPHIDE	17
十二烷基二甲苯 DODECYL XYLENE		17
钻井盐水 (氯化钾溶液) Drilling brine: potassium chloride solution	氯化钾溶液 POTASSIUM CHLORIDE SOLUTION	17
钻井盐水 (含有溴化钙) DRILLING BRINES (CONTAINING CALCIUM BROMIDE)		17
钻井盐水 (含有氯化锌) DRILLING BRINES (CONTAINING ZINC CHLORIDE)		17
(反)-丁烯-2-醛 (E)-But-2-enal	巴豆醛 CROTONALDEHYDE	17
庚酸 Enanthic acid	正庚酸 N-HEPTANOIC ACID	17
庚酸 Enanthylic acid	正庚酸 N-HEPTANOIC ACID	17
镂蚀酸 Engravers' acid	硝酸 (70%及以上) NITRIC ACID (70% AND OVER)	17
表氯醇 EPICHLOROHYDRIN		17
1,2-环氧丁烷 1,2-Epoxybutane	1,2-环氧丁烷 1,2-BUTYLENE OXIDE	17
1,4-环氧丁烷 1,4-epoxybutane	四氢呋喃 TETRAHYDROFURAN	17
1,2-环氧丙烷 1,2-Epoxypropane	1,2-环氧丙烷 PROPYLENE OXIDE	17
2,3-混合 (C10) 三烷基乙酸的环氧丙基酯 2,3-Epoxypropyl ester of mixed C10 trialkylacetic acids	C10三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID	17
新癸酸2,3-环氧丙酯 2,3-Epoxypropyl neodecanoate	C10 三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID	17
ETPC EPTC	S-乙基二丙基硫代氨基甲酸酯 S-ETHYL DIPROPYLTHIOCARBAMATE	17
密斑油, 硝基苯 Essence of Mirbane	硝基苯 NITROBENZENE	17
密斑油, 硝基苯 Essence of Myrbane	硝基苯 NITROBENZENE	17
乙胺溶液, 72%或以下	乙胺溶液 (72%或以下)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Ethanamine solutions, 72% or less	ETHYLAMINE SOLUTIONS (72% OR LESS)	
乙烷腈 Ethanecarbonitrile	丙腈 PROPIONITRILE	17
乙二醛 Ethanedial	乙二醛溶液 (40%或以下) GLYOXAL SOLUTION (40% OR LESS)	17
1,2-乙二醛 1,2-Ethanediol	乙二醇 ETHYLENE GLYCOL	17
乙酸 Ethanoic acid	乙酸 ACETIC ACID	17
醋酸酐 Ethanoic anhydride	乙酸酐 ACETIC ANHYDRIDE	17
乙醇 Ethanol	乙醇 ETHYL ALCOHOL	18
乙醇胺 ETHANOLAMINE		17
醋酸乙烯 ethenyl acetate	乙烯乙酸 VINYL ACETATE	17
醋酸乙酯 ethenyl ethanoate	乙烯乙酸 VINYL ACETATE	17
醚 Ether	二乙醚 (*) DIETHYL ETHER (*)	17
三氯乙炔 Ethinyl trichloride	三氯乙烯 TRICHLOROETHYLENE	17
2-乙氧基乙醇 (a) 2-Ethoxyethanol (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
2- (2-乙氧基乙氧基) 乙醇 (a) 2-(2-Ethoxyethoxy)ethanol (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
2- (2-乙氧基乙氧基) 乙酸乙酯 (a) 2-(2-Ethoxyethoxy)ethyl acetate (a)	聚 (2-8) 亚烷基乙二醇单烷基 (C1-C6) 醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
2-乙氧基乙酸乙酯 2-ETHOXYETHYL ACETATE		17
乙氧基长链 (C16+) 烷氧基烷基胺 ETHOXYLATED LONG CHAIN (C16+) ALKYLOXYALKYLAMINE		17
乙氧基动物脂胺 (>95%) ETHOXYLATED TALLOW AMINE (>95%)		17
2-乙氧基-2-甲基丙烷 2-Ethoxy-2-methylpropane	乙基叔丁基醚 ETHYL TERT-BUTYL ETHER	17
1-乙氧基丙烷-2-醇 (a) 1-Ethoxypropan-2-ol (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
乙酸乙酯 ETHYL ACETATE		17
乙酰乙酸乙酯		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
ETHYL ACETOACETATE		
乙基丙酮 Ethyl acetone	甲基丙酮 METHYL PROPYL KETONE	17
丙烯基乙酯 ETHYL ACRYLATE		17
乙醇 ETHYL ALCOHOL		18
乙胺 (*) ETHYLAMINE (*)		17
乙胺溶液 (72%或以下) ETHYLAMINE SOLUTIONS (72% OR LESS)		17
乙基氨基环己烷 Ethylaminocyclohexane	N-乙基环己胺 N-ETHYLCYCLOHEXYLAMINE	17
乙基戊基甲酮 ETHYL AMYL KETONE		17
乙苯 ETHYLBENZENE		17
乙基苯 Ethyl benzol	乙苯 ETHYLBENZENE	17
乙基丁酯 Ethyl butanoate	丁酸乙酯 ETHYL BUTYRATE	17
乙基叔丁基醚 ETHYL TERT-BUTYL ETHER		17
丁酸乙酯 ETHYL BUTYRATE		17
2-乙基己酸 2-Ethylcaproic acid	2-乙基己酸 2-ETHYLHEXANOIC ACID	17
丙醇 Ethyl carbinol	正丙醇 N-PROPYL ALCOHOL	17
乙基氰 Ethyl cyanide	丙腈 PROPIONITRILE	17
乙基环己烷 ETHYLCYCLOHEXANE		17
N-乙基环己胺 N-ETHYLCYCLOHEXYLAMINE		17
乙基二甲基甲烷 (a) Ethyl dimethylmethane (a)	戊烷 (所有异构体) PENTANE (ALL ISOMERS)	17
二丙基氨基甲酰硫化酸仲乙酯 S-Ethyl dipropylcarbamothioate	S-乙基二丙基硫代氨基甲酸酯 S-ETHYL DIPROPYLTHIOCARBAMATE	17
二丙基氨基甲酰硫化酸仲乙酯 S-Ethyl dipropyldithiocarbamate	S-乙基二丙基硫代氨基甲酸酯 S-ETHYL DIPROPYLTHIOCARBAMATE	17
S-乙基二丙基硫代氨基甲酸酯 S-ETHYL DIPROPYLTHIOCARBAMATE		17
乙二醇 Ethylene alcohol	乙二醇 ETHYLENE GLYCOL	17
乙烯双亚氨基二乙酸, 四钠盐溶液 Ethylene bis(iminodiacetic acid) tetrasodium salt solution	乙二胺四乙酸, 四钠盐溶液 ETHYLENEDIAMINETETRAACETIC ACID,	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
	TETRASODIUM SALT SOLUTION	
溴化乙烯 Ethylene bromide	二溴乙烷 ETHYLENE DIBROMIDE	17
碳酸乙烯酯 ETHYLENE CARBONATE		17
丙烯酸 Ethylenecarboxylic acid	丙烯酸 ACRYLIC ACID	17
氯乙烯 Ethylene chloride	二氯乙烷 ETHYLENE DICHLORIDE	17
氯乙醇 ETHYLENE CHLOROHYDRIN		17
亚乙基氰醇 ETHYLENE CYANOHYDRIN		17
二醋酸乙二醇 Ethylene diacetate	乙二醇二乙酸酯 ETHYLENE GLYCOL DIACETATE	17
乙二胺 ETHYLENEDIAMINE		17
乙二胺四乙酸, 四钠盐溶液 ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT SOLUTION		17
二溴乙烷 ETHYLENE DIBROMIDE		17
二氯乙烷 ETHYLENE DICHLORIDE		17
乙二胺四乙酸四钠盐溶液 Ethylenedinitrilotetraacetic acid tetrasodium salt solution	乙二胺四乙酸, 四钠盐溶液 ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT SOLUTION	17
2,2'-乙炔二醇 2,2'-Ethylenedioxydiethanol	三乙二醇 TRIETHYLENE GLYCOL	18
乙二醇 ETHYLENE GLYCOL		17
乙二醇乙酸酯 ETHYLENE GLYCOL ACETATE		17
丙烯酸乙二醇酯 Ethylene glycol acrylate	2-羟乙基丙烯酸酯 2-HYDROXYETHYL ACRYLATE	17
乙二醇丁基醚 (a) Ethylene glycol butyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇丁基醚乙酸酯 ETHYLENE GLYCOL BUTYL ETHER ACETATE		17
乙二醇特丁基醚 (a) Ethylene glycol tert-butyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇二乙酸酯 ETHYLENE GLYCOL DIACETATE		17
乙二醇乙醚 (a) Ethylene glycol ethyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
醋酸乙二醇乙醚 Ethylene glycol ethyl ether acetate	2-乙氧基乙酸乙酯 2-ETHOXYETHYL ACETATE	17
乙二醇异丙基醚 (a) Ethylene glycol isopropyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇甲基醚 (a) Ethylene glycol methyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇甲醚乙酸酯 ETHYLENE GLYCOL METHYL ETHER ACETATE		17
乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS		17
乙二醇单丁基醚 (a) Ethylene glycol monobutyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇单特丁基醚 (a) Ethylene glycol mono tert-butyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇单乙基醚 (a) Ethylene glycol monoethyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇单乙基醚乙酸盐 (a) Ethylene glycol monoethyl ether acetate (a)	2-乙氧基乙酸乙酯 2-ETHOXYETHYL ACETATE	17
乙二醇单甲基醚 (a) Ethylene glycol monomethyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇单甲基乙酸酯 Ethylene glycol monomethyl ether acetate	乙二醇甲醚乙酸酯 ETHYLENE GLYCOL METHYL ETHER ACETATE	17
乙二醇单苯基醚 Ethylene glycol monophenyl ether	乙二醇苯基醚 ETHYLENE GLYCOL PHENYL ETHER	17
乙二醇苯基醚 ETHYLENE GLYCOL PHENYL ETHER		17
乙二醇苯基醚/二乙二醇苯基醚混合物 ETHYLENE GLYCOL PHENYL ETHER/DIETHYLENE GLYCOL PHENYL ETHER MIXTURE		17
乙二醇 (>75%) /烷基羧酸钠/硼砂混合物 ETHYLENE GLYCOL (>75%)/SODIUM ALKYL CARBOXYLATES/BORAX MIXTURE		17
乙二醇 (>85%) /烷基羧酸钠混合物 ETHYLENE GLYCOL (>85%)/SODIUM ALKYL CARBOXYLATES MIXTURE		17
环氧乙烷/环氧丙烷混合物, 其中环氧乙烷按质量计含量不超过 30% ETHYLENE OXIDE/PROPYLENE OXIDE MIXTURE WITH AN ETHYLENE OXIDE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
CONTENT OF NOT MORE THAN 30% BY MASS		
四氯乙烯 Ethylene tetrachloride	四氯乙烯 PERCHLOROETHYLENE	17
三氯乙烯 Ethylene trichloride	三氯乙烯 TRICHLOROETHYLENE	17
乙烯乙酸乙烯酯共聚物（乳剂） ETHYLENE-VINYL ACETATE COPOLYMER (EMULSION)		17
醋酸乙酯 Ethyl ethanoate	乙酸乙酯 ETHYL ACETATE	17
乙基醚 Ethyl ether	二乙醚（*） DIETHYL ETHER（*）	17
乙基-3-乙氧基丙酸酯 ETHYL-3-ETHOXYPROPIONATE		17
乙基液（a） Ethyl fluid (a)	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYL)	17
乙基甲酸 Ethylformic acid	丙酸 PROPIONIC ACID	17
乙二醇（a） Ethyl glycol (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
2-乙基乙醛（a） 2-Ethylhexaldehyde (a)	辛醛 OCTYL ALDEHYDES	17
2-乙基己醛（a） 2-Ethylhexanal (a)	辛醛 OCTYL ALDEHYDES	17
2-乙基己酸 2-ETHYLHEXANOIC ACID		17
2-乙基己醇（a） 2-Ethylhexanol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
2-乙基醛 2-Ethylhexenal	2-乙基-3-丙基丙烯醛 2-ETHYL-3-PROPYLACROLEIN	17
2-乙基乙烯-2-醛 2-Ethylhex-2-enal	2-乙基-3-丙基丙烯醛 2-ETHYL-3-PROPYLACROLEIN	17
2-乙基乙酸（a） 2-Ethylhexoic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
丙烯酸-2-乙基己酯 2-ETHYLHEXYL ACRYLATE		17
2-乙基己醇（a） 2-Ethylhexyl alcohol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
2-乙基己胺 2-ETHYLHEXYLAMINE		17
2-乙基-2-（羟甲基）丙烷-1,3-二醇（C8-C10）酯 2-ETHYL-2-(HYDROXYMETHYL) PROPANE-1,3-DIOL (C8-C10) ESTER		17
乙酸 Ethylic acid	乙酸 ACETIC ACID	17
5-亚乙基双环（2,2,1）庚-2-烯	亚乙基降冰片烯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
5-Ethylidenebicyclo(2,2,1)hept-2-ene	ETHYLIDENE NORBORNENE	
亚乙基二氯化物 Ethylidene chloride	1,1-二氯乙烷 1,1-DICHLOROETHANE	17
亚乙基降冰片烯 ETHYLIDENE NORBORNENE		17
甲基丙烯酸乙酯 ETHYL METHACRYLATE		17
N-乙基甲基丙烯胺 N-ETHYLMETHYLALLYLAMINE		17
正-乙基-2-甲基烯丙胺 N-Ethyl-2-methylallylamine	N-乙基甲基丙烯胺 N-ETHYLMETHYLALLYLAMINE	17
2-乙基-6-甲基苯胺 2-Ethyl-6-methylaniline	2-甲基-6-乙基苯胺 2-METHYL-6-ETHYL ANILINE	17
2-乙基-6-甲基苯胺 2-Ethyl-6-methylbenzenamine	2-甲基-6-乙基苯胺 2-METHYL-6-ETHYL ANILINE	17
1-乙基-4-甲苯 1-ethyl-4-methylbenzene	乙基甲苯 ETHYL TOLUENE	17
乙基甲基酮 Ethyl methyl ketone	甲基乙基酮 METHYL ETHYL KETONE	17
5-乙基-2-甲基吡啶 5-Ethyl-2-methylpyridine	2-甲基-5-乙基吡啶 2-METHYL-5-ETHYL PYRIDINE	17
乙醚 Ethyl oxide	二乙醚 (*) DIETHYL ETHER (*)	17
磷酸乙酯 Ethyl phosphate	磷酸三乙酯 TRIETHYL PHOSPHATE	17
邻苯二甲酸乙酯 Ethyl phthalate	邻苯二甲酸二乙酯 DIETHYL PHTHALATE	17
5-乙基-2-甲基吡啶 5-Ethyl-2-picoline	2-甲基-5-乙基吡啶 2-METHYL-5-ETHYL PYRIDINE	17
丙烯酸乙酯 Ethyl propenoate	丙烯酸乙酯 ETHYL ACRYLATE	17
丙酸乙酯 ETHYL PROPIONATE		17
2-乙基-3-丙基丙烯醛 2-ETHYL-3-PROPYLACROLEIN		17
硫酸乙酯 Ethyl sulphate	硫酸二乙酯 DIETHYL SULPHATE	17
乙基甲苯 ETHYL TOLUENE		17
6-乙基-2-甲苯胺 6-Ethyl-2-toluidine	2-甲基-6-乙基苯胺 2-METHYL-6-ETHYL ANILINE	17
6-乙基-邻-甲苯胺 6-Ethyl-o-toluidine	2-甲基-6-乙基苯胺 2-METHYL-6-ETHYL ANILINE	17
乙基乙烯基醚 Ethyl vinyl ether	乙烯基乙醚 VINYL ETHYL ETHER	17
特级初榨葡萄籽油 Extra virgin grape seed oil	葡萄籽油 GRAPE SEED OIL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
脂肪酸（饱和的C13+） FATTY ACID (SATURATED C13+)		17
脂肪酸甲酯（M） FATTY ACID METHYL ESTERS (M)		17
脂肪酸（C8-C10） FATTY ACIDS, (C8-C10)		17
脂肪酸（C12+） FATTY ACIDS, (C12+)		17
脂肪酸（C16+） FATTY ACIDS, (C16+)		17
脂肪酸，主要直链的（C6-C18）2-乙基己基酯 FATTY ACIDS, ESSENTIALLY LINEAR (C6-C18) 2-ETHYLHEXYL ESTER		17
供给的玉米糖蜜（a） Feeding corn molasses (a)	糖蜜 MOLASSES	18
发酵乙醇 Fermentation alcohol	乙醇 ETHYL ALCOHOL	18
氯化铁溶液 FERRIC CHLORIDE SOLUTIONS		17
硝酸铁/硝酸溶液 FERRIC NITRATE/NITRIC ACID SOLUTION		17
鱼油 FISH OIL		17
浓缩鱼蛋白（含有4%或以下的甲酸） FISH PROTEIN CONCENTRATE (CONTAINING 4% OR LESS FORMIC ACID)		17
浓缩鱼饲料蛋白（含有4%或以下的甲酸） FISH SILAGE PROTEIN CONCENTRATE (CONTAINING 4% OR LESS FORMIC ACID)		17
氟硅酸（20-30%）水溶液 FLUOROSILICIC ACID SOLUTION (20-30%)		17
甲醛溶液（45%或以下） FORMALDEHYDE SOLUTIONS (45% OR LESS)		17
甲醛三聚体 Formaldehyde trimer	1,3,5-三噁烷 1,3,5-TRIOXANE	17
福尔马林 Formalin	甲醛溶液（45%或以下） FORMALDEHYDE SOLUTIONS (45% OR LESS)	17
甲酰胺 FORMAMIDE		17
二甲基甲酰胺 Formdimethylamide	二甲基甲酰胺 DIMETHYLFORMAMIDE	17
甲酸（85%或以下） FORMIC ACID (85% OR LESS ACID)		17
甲酸（超过85%） FORMIC ACID (OVER 85%)		17
甲酸混合物（含超过18%丙酸和超过25%甲酸钠） FORMIC ACID MIXTURE (CONTAINING UP TO		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
18% PROPIONIC ACID AND UP TO 25% SODIUM FORMATE)		
甲醛 Formic aldehyde	甲醛溶液（45%或以下） FORMALDEHYDE SOLUTIONS (45% OR LESS)	17
甲酰甲酸 Formylformic acid	二羟基乙酸溶液（50%或以下） GLYOXYLIC ACID SOLUTION (50% OR LESS)	17
呋喃 Fural	糠醛 FURFURAL	17
2-呋喃亚甲基甲醛 2-Furaldehyde	糠醛 FURFURAL	17
呋喃-2,5-二酮 Furan-2,5-dione	顺丁烯二酐 MALEIC ANHYDRIDE	17
2,5-呋喃二酮 2,5-Furandione	顺丁烯二酐 MALEIC ANHYDRIDE	17
糠醛 FURFURAL		17
2-糠醛 2-Furfuraldehyde	糠醛 FURFURAL	17
糠醇 FURFURYL ALCOHOL		17
呋喃基甲醇 Furylcarbinol	糠醇 FURFURYL ALCOHOL	17
稠合多元（2个以上）环芳烃（b） Fused poly(2+)cyclic aromatic hydrocarbons (b)	聚（2+）环芳香族化合物 POLY(2+)CYCLIC AROMATICS	17
白株木油 Gaultheria oil	水杨酸甲酯 METHYL SALICYLATE	17
冰醋酸 Glacial acetic acid	乙酸 ACETIC ACID	17
山梨醇/甘油共混丙氧基酯（含少于10%的胺） GLUCITOL/GLYCEROL BLEND PROPOXYLATED (CONTAINING LESS THAN 10% AMINES)		17
葡糖醇溶液 Glucitol solution	山梨醇溶液 SORBITOL SOLUTION	18
D-葡糖醇溶液 D-Glucitol solution	山梨醇溶液 SORBITOL SOLUTION	18
葡萄糖溶液 GLUCOSE SOLUTION		18
戊二醛溶液（50%或以下） GLUTARALDEHYDE SOLUTIONS (50% OR LESS)		17
甘油 Glycerin	甘油 GLYCERINE	17
甘油 GLYCERINE		17
三醋酸甘油酯 Glycerin triacetate	甘油三乙酸酯 GLYCERYL TRIACETATE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,2,3-丙三醇 Glyceritol	甘油 GLYCERINE	18
甘油 Glycerol	甘油 GLYCERINE	18
甘油乙氧基酯 GLYCEROL ETHOXYLATED		18
甘油单油酸酯 GLYCEROL MONOOLEATE		17
油酸甘油酯 Glycerol oleate	甘油单油酸酯 GLYCEROL MONOOLEATE	17
1-油酸甘油酯 Glycerol 1-oleate	甘油单油酸酯 GLYCEROL MONOOLEATE	17
甘油丙氧基酯 GLYCEROL PROPOXYLATED		17
甘油, 丙氧基酯和乙氧基酯 GLYCEROL, PROPOXYLATED AND ETHOXYLATED		17
甘油/蔗糖共混丙氧基酯和乙氧基酯 GLYCEROL/SUCROSE BLEND PROPOXYLATED AND ETHOXYLATED		17
甘油三乙酸酯 Glycerol triacetate	甘油三乙酸酯 GLYCERYL TRIACETATE	17
甘油三乙酸酯 GLYCERYL TRIACETATE		17
C10三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID		17
新癸酸缩水甘油酯 Glycidyl neodecanoate	C10 三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID	17
甘氨酸, 钠盐溶液 GLYCINE, SODIUM SALT SOLUTION		17
乙二醇 Glycol	乙二醇 ETHYLENE GLYCOL	17
碳酸乙二醇酯 Glycol carbonate	碳酸乙烯酯 ETHYLENE CARBONATE	17
乙二醇氯乙醇 Glycol chlorohydrin	氯乙醇 ETHYLENE CHLOROHYDRIN	17
二氯乙二醇 Glycol dichloride	二氯乙烷 ETHYLENE DICHLORIDE	17
乙醇酸溶液 (70%或以下) GLYCOLIC ACID SOLUTION (70% OR LESS)		17
乙二醇单丁基醚 (a) Glycol monobutyl ether (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
乙二醇,聚乙烯单(对-壬苯基)醚 (b) Glycols, polyethylene mono(p-nonylphenyl) ether (b)	烷基聚醚 (C9-C20) ALKARYL POLYETHERS (C9-C20)	17
丙三醇	甘油	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Glycyl alcohol	GLYCERINE	
乙二醛 Glyoxaldehyde	乙二醛溶液（40%或以下） GLYOXAL SOLUTION (40% OR LESS)	17
水合乙醛酸 Glyoxalic acid	二羟基乙酸溶液（50%或以下） GLYOXYLIC ACID SOLUTION (50% OR LESS)	17
乙二醛溶液（40%或以下） GLYOXAL SOLUTION (40% OR LESS)		17
二羟基乙酸溶液（50%或以下） GLYOXYLIC ACID SOLUTION (50% OR LESS)		17
草甘膦，N-（膦酰基甲基）-甘氨酸 Glyphosate	草甘膦溶液（不含表面活性剂） GLYPHOSATE SOLUTION (NOT CONTAINING SURFACTANT)	17
草甘膦单（异丙基铵） Glyphosate-mono(isopropylammonium)	草甘膦溶液（不含表面活性剂） GLYPHOSATE SOLUTION (NOT CONTAINING SURFACTANT)	17
草甘膦溶液（不含表面活性剂） GLYPHOSATE SOLUTION (NOT CONTAINING SURFACTANT)		17
乙醇 Grain alcohol	乙醇 ETHYL ALCOHOL	18
葡萄籽油 GRAPE SEED OIL		17
花生油 GROUNDNUT OIL		17
三甲苯（a） Hemimellitine (a)	三甲苯（所有异构体） TRIMETHYLBENZENE (ALL ISOMERS)	17
十一烷酸 Hendecanoic acid	十一酸 UNDECANOIC ACID	17
1-十一烷醇 1-Hendecanol	十一醇 UNDECYL ALCOHOL	17
环庚烷 Cyclo-Heptamethylene	环庚烷 CYCLOHEPTANE	17
庚烷（所有异构体） HEPTANE (ALL ISOMERS)		17
1-庚烷羧酸（a） 1-Heptanecarboxylic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
3-庚烷羧酸（a） 3-Heptanecarboxylic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
庚酸 Heptanoic acid	正庚酸 N-HEPTANOIC ACID	17
正庚酸 N-HEPTANOIC ACID		17
庚醇（所有异构体）（D） HEPTANOL (ALL ISOMERS) (D)		17
2-庚酮 2-Heptanone	甲基戊基酮 METHYL AMYL KETONE	17
庚-2-酮	甲基戊基酮	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Heptan-2-one	METHYL AMYL KETONE	
庚烯（所有异构体） HEPTENE (ALL ISOMERS)		17
庚酸 Heptoic acid	正庚酸 N-HEPTANOIC ACID	17
乙酸庚酯 HEPTYL ACETATE		17
庚醇,所有异构体 (a) Heptyl alcohol, all isomers (a)	庚醇（所有异构体）(D) HEPTANOL (ALL ISOMERS) (D)	17
辛醇 (a) Heptylcarbinol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
庚烯，混合异构体 Heptylene, mixed isomers	庚烯（所有异构体） HEPTENE (ALL ISOMERS)	17
庚酸 Heptylic acid	正庚酸 N-HEPTANOIC ACID	17
正-庚酸 n-Heptylic acid	正庚酸 N-HEPTANOIC ACID	17
1-十六碳烯 1-Hexadecene	烯烃（C13+，所有异构体） OLEFINS (C13+, ALL ISOMERS)	17
甲基丙烯酸十六烷酯及二十烷酯混合物 (a) Hexadecyl and icosyl methacrylate mixture (a)	十六烷基/二十烷基甲基丙烯酸酯混合物 CETYL/EICOSYL METHACRYLATE MIXTURE	17
1-十六烷基萘/1,4-二（十六烷基）萘混合物 1-HEXADECYLNAPHTHALENE / 1,4-BIS(HEXADECYL)NAPHTHALENE MIXTURE		17
十六烷基萘/二十六烷基萘混合物 Hexadecylnaphthalene/dihexadecylnaphthalene mixture	1-十六烷基萘/1,4-二（十六烷基）萘混合物 1-HEXADECYLNAPHTHALENE / 1,4-BIS(HEXADECYL)NAPHTHALENE MIXTURE	17
十六烷醇/十八烷醇 (a) Hexadecyl / octadecyl alcohol (a)	醇类（C13+） ALCOHOLS (C13+)	17
六甘醇 (a) Hexaethylene glycol (a)	聚乙二醇 POLYETHYLENE GLYCOL	17
六氢苯胺 Hexahydroaniline	环己胺 CYCLOHEXYLAMINE	17
六氢-1H-氮杂品 Hexahydro-1H-azepine	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
六氢苯 Hexahydrobenzene	环己烷 CYCLOHEXANE	17
六氢-1H-氮杂品 Hexahydro-1-H-azepine	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
六氢苯酚 Hexahydrophenol	环己醇 CYCLOHEXANOL	17
六氢甲苯 Hexahydrotoluene	甲基环己烷 METHYLCYCLOHEXANE	17
环己烷 Hexamethylene	环己烷 CYCLOHEXANE	17
六亚甲基二胺（熔融的）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
HEXAMETHYLENEDIAMINE (MOLTEN)		
六亚甲基二胺溶液 (50%在水中) HEXAMETHYLENEDIAMINE ADIPATE (50% IN WATER)		17
六亚甲基二胺溶液 HEXAMETHYLENEDIAMINE SOLUTION		17
1,6-六亚甲基二胺溶液 1,6-Hexamethylenediamine solution	六亚甲基二胺溶液 HEXAMETHYLENEDIAMINE SOLUTION	17
己二铵溶液己二酸 (50%水溶液) Hexamethylenediammonium adipate solution (50% solution)	六亚甲基二胺溶液 (50%在水中) HEXAMETHYLENEDIAMINE ADIPATE (50% IN WATER)	17
六亚甲基二异氰酸酯 HEXAMETHYLENE DIISOCYANATE		17
1,6-二异氰酸己酯 Hexamethylene-1,6-diisocyanate	六亚甲基二异氰酸酯 HEXAMETHYLENE DIISOCYANATE	17
己二醇 HEXAMETHYLENE GLYCOL		17
六亚甲基环己二胺 HEXAMETHYLENEIMINE		17
乌洛托品溶液 HEXAMETHYLENETETRAMINE SOLUTIONS		17
六胺 Hexamine	乌洛托品溶液 HEXAMETHYLENETETRAMINE SOLUTIONS	17
六环烷 Hexanaphthene	环己烷 CYCLOHEXANE	17
己二酸1, 6-己二胺 (1:1) 1,6-Hexandiamine hexanedioate (1:1)	六亚甲基二胺溶液 (50%在水中) HEXAMETHYLENEDIAMINE ADIPATE (50% IN WATER)	17
己烷 (所有异构体) HEXANE (ALL ISOMERS)		17
1,6-己二胺 1,6-Hexanediamine	六亚甲基二胺 (熔融的) HEXAMETHYLENEDIAMINE (MOLTEN)	17
己烷-1,6-二胺溶液 Hexane-1,6-diamine solutions	六亚甲基二胺溶液 HEXAMETHYLENEDIAMINE SOLUTION	17
1,6-己二胺溶液 1,6-Hexanediamine solutions	六亚甲基二胺溶液 HEXAMETHYLENEDIAMINE SOLUTION	17
己二酸双 (2-乙基己基) 酯 Hexanedioic acid, bis(2-ethylhexyl) ester	二- (2-乙基己基) 乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE	17
己烷-1,6-二醇 Hexane-1,6-diol	己二醇 HEXAMETHYLENE GLYCOL	17
1,6-己二醇 1,6-Hexanediol	己二醇 HEXAMETHYLENE GLYCOL	17
1,6-己二醇, 塔顶蒸馏 1,6-HEXANEDIOL, DISTILLATION OVERHEADS		17
正-己烷 n-Hexane	己烷 (所有异构体) HEXANE (ALL ISOMERS)	17
己酸		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
HEXANOIC ACID		
己醇 HEXANOL		17
己-1-醇 Hexan-1-ol	己醇 HEXANOL	17
己-2-酮 Hexan-2-one	甲基丁基酮 METHYL BUTYL KETONE	17
2-己酮 2-Hexanone	甲基丁基酮 METHYL BUTYL KETONE	17
己烯（所有异构体） HEXENE (ALL ISOMERS)		17
1-己烯（a） 1-Hexene (a)	己烯（所有异构体） HEXENE (ALL ISOMERS)	17
己-1-烯（a） Hex-1-ene (a)	己烯（所有异构体） HEXENE (ALL ISOMERS)	17
2-己烯（a） 2-Hexene (a)	己烯（所有异构体） HEXENE (ALL ISOMERS)	17
异己酮 Hexone	甲基异丁基酮 METHYL ISOBUTYL KETONE	17
乙酸己酯 HEXYL ACETATE		17
乙酸仲己酯 sec-Hexyl acetate	乙酯甲基戊酯 METHYLAMYL ACETATE	17
己醇 Hexyl alcohol	己醇 HEXANOL	17
己烯（a） Hexylene (a)	己烯（所有异构体） HEXENE (ALL ISOMERS)	17
己二醇 HEXYLENE GLYCOL		17
乙酸己酯 Hexyl ethanoate	乙酸己酯 HEXYL ACETATE	17
高哌啶 Homopiperidine	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
碳氢蜡 HYDROCARBON WAX		17
盐酸（*） HYDROCHLORIC ACID (*)		17
氢氟硅酸溶液（20-30%） Hydrofluorosilic acid solution (20-30%)	氟硅酸（20-30%）水溶液 FLUOROSILICIC ACID SOLUTION (20-30%)	17
氢呋喃 Hydrofuran	四氢呋喃 TETRAHYDROFURAN	17
氢化麦芽糖糖浆 Hydrogenated maltose syrup	麦芽糖醇溶液 MALTITOL SOLUTION	18
氢化低聚糖 Hydrogenated oligosaccharide	氢化淀粉水解液 HYDROGENATED STARCH HYDROLYSATE	18
氢化淀粉水解液		18

索引名称 Index Name	货物名称 Product Name	章 Chapter
HYDROGENATED STARCH HYDROLYSATE		
氢羧酸 Hydrogencarboxylic acid	甲酸（85%或以下） FORMIC ACID (85% OR LESS ACID)	17
含水氯化氢 Hydrogen chloride, aqueous	盐酸（*） HYDROCHLORIC ACID (*)	17
过氧化氢溶液（60%以上但不超过70%） HYDROGEN PEROXIDE SOLUTIONS (OVER 60% BUT NOT OVER 70% BY MASS)		17
过氧化氢溶液（8%以上但不超过60%） HYDROGEN PEROXIDE SOLUTIONS (OVER 8% BUT NOT OVER 60% BY MASS)		17
硫酸氢 Hydrogen sulphate	硫酸 SULPHURIC ACID	17
α -氢- Ω -羟（基）聚[氧（甲基-1,2-乙烷双基）] alpha-Hydro-omega-hydroxypoly[oxy(methyl-1,2-ethaned iyl)]	聚丙二醇 POLYPROPYLENE GLYCOL	17
羟基乙酸 Hydroxyacetic acid	乙醇酸溶液（70%或以下） GLYCOLIC ACID SOLUTION (70% OR LESS)	17
羟基苯 Hydroxybenzene	苯酚 PHENOL	17
4-羟基丁酸内酯 4-Hydroxybutanoic acid lactone	γ -内丁酯 GAMMA-BUTYROLACTONE	17
4-羟基丁酸内酯 4-Hydroxybutyric acid lactone	γ -内丁酯 GAMMA-BUTYROLACTONE	17
γ -羟基丁酸内酯 gamma-Hydroxybutyric acid lactone	γ -内丁酯 GAMMA-BUTYROLACTONE	17
羟基二甲基苯 Hydroxydimethylbenzenes	二甲苯酚 XYLENOL	17
羟基乙酸 Hydroxyethanoic acid	乙醇酸溶液（70%或以下） GLYCOLIC ACID SOLUTION (70% OR LESS)	17
2-羟基乙基乙酸酯 2-Hydroxyethyl acetate	乙二醇乙酸酯 ETHYLENE GLYCOL ACETATE	17
2-羟乙基丙烯酸酯 2-HYDROXYETHYL ACRYLATE		17
丙烯酸 β -羟乙酯 beta-Hydroxyethyl acrylate	2-羟乙基丙烯酸酯 2-HYDROXYETHYL ACRYLATE	17
2-羟乙胺 2-Hydroxyethylamine	乙醇胺 ETHANOLAMINE	17
正- β -羟乙基乙（撑）二胺 N-beta-Hydroxyethylethylenediamine	氨基乙醇胺 AMINOETHYL ETHANOLAMINE	17
正-（羟乙基）乙二胺三乙酸，三钠盐溶液 N-(HYDROXYETHYL)ETHYLENEDIAMINETRIACETIC ACID, TRISODIUM SALT SOLUTION		17
β -羟基乙基苯基醚 beta-Hydroxyethyl phenyl ether	乙二醇苯基醚 ETHYLENE GLYCOL PHENYL ETHER	17
丙烯酸2-羟乙酯	2-羟乙基丙烯酸酯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-Hydroxyethyl propenoate	2-HYDROXYETHYL ACRYLATE	
2-丙烯酸 2-羟乙酯	2-羟乙基丙烯酸酯	17
2-Hydroxyethyl 2-propenoate	2-HYDROXYETHYL ACRYLATE	
α -羟基异丁腈	丙酮氰醇	17
alpha-Hydroxyisobutyronitrile	ACETONE CYANOHYDRIN	
4-羟基-2-酮-4-甲基戊烷	二丙酮醇	17
4-Hydroxy-2-keto-4-methylpentane	DIACETONE ALCOHOL	
4-羟基-4-甲基戊酮-2	二丙酮醇	17
4-Hydroxy-4-methylpentanone-2	DIACETONE ALCOHOL	
4-羟基-4-甲基戊-2-酮	二丙酮醇	17
4-Hydroxy-4-methylpentan-2-one	DIACETONE ALCOHOL	
2-羟基-2-甲基丙腈	丙酮氰醇	17
2-Hydroxy-2-methylpropiononitrile	ACETONE CYANOHYDRIN	
2-羟基-4-(甲硫基)丁酸		17
2-HYDROXY-4-(METHYLTHIO)BUTANOIC ACID		
2-羟基-4-甲基硫丁酸	2-羟基-4-(甲硫基)丁酸	17
2-Hydroxy-4-(methylthio)butyric acid	2-HYDROXY-4-(METHYLTHIO)BUTANOIC ACID	
2-羟基硝基苯(熔融的)	邻-硝基苯酚(熔融的)	17
2-Hydroxynitrobenzene (molten)	O-NITROPHENOL (MOLTEN)	
1-羟基-2-苯氧基乙烷	乙二醇苯基醚	17
1-Hydroxy-2-phenoxyethane	ETHYLENE GLYCOL PHENYL ETHER	
2-羟基丙酸	乳酸	17
2-Hydroxypropanoic acid	LACTIC ACID	
2-羟基丙酸	乳酸	17
2-Hydroxypropionic acid	LACTIC ACID	
α -羟基丙酸	乳酸	17
alpha-Hydroxypropionic acid	LACTIC ACID	
3-羟基丙酸内酯.	β -丙内酯	17
3-Hydroxypropionic acid, lactone.	BETA-PROPIOLACTONE	
β -羟丙腈	亚乙基氰醇	17
beta-Hydroxypropionitrile	ETHYLENE CYANOHYDRIN	
2-羟基丙腈溶液(80%及以下)	乳腈溶液(80%或以下)	17
2-Hydroxypropiononitrile solution (80% or less)	LACTONITRILE SOLUTION (80% OR LESS)	
α -羟基丙腈溶液(80%及以下)	苯甲醇	17
alpha-Hydroxypropionitrile solution (80% or less)	BENZYL ALCOHOL	
3-羟基-2,2,4-三甲基戊(烷)基异丁酸化物	2,2,4-三甲基-1,3-戊二醇-1-异丁酸酯	17
3-Hydroxy-2,2,4-trimethylpentyl isobutyrate	2,2,4-TRIMETHYL-1,3-PENTANEDIOL-1-IS OBUTYRATE	
雾衣草油		17
ILLIPE OIL		
2,2'-亚氨基双(乙胺)	二亚乙基三胺	17
2,2'-Iminodi(ethylamine)	DIETHYLENETRIAMINE	
2,2'-亚氨基二乙醇	二乙醇胺	17
2,2'-Iminodiethanol	DIETHANOLAMINE	
1,1'-氨基二异丙醇-2	二异丙醇胺	17
1,1'-Iminodipropan-2-ol	DIISOPROPANOLAMINE	

索引名称 Index Name	货物名称 Product Name	章 Chapter
氯化铁 (III) 溶液 Iron (III) chloride solutions	氯化铁溶液 FERRIC CHLORIDE SOLUTIONS	17
硝酸铁 (III) /硝酸溶液 Iron (III) nitrate / nitric acid solution	硝酸铁/硝酸溶液 FERRIC NITRATE/NITRIC ACID SOLUTION	17
异乙酰苯 Isoacetophenone	异佛尔酮 ISOPHORONE	17
乙酸异戊酯 (a) Isoamyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
异戊醇 ISOAMYL ALCOHOL		17
异丁醛 (a) Isobutaldehyde (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
异丁醛 (a) Isobutanal (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
异丁醇 Isobutanol	异丁醇 ISOBUTYL ALCOHOL	17
异丁醇胺 Isobutanolamine	2-氨基-2-甲基-1-丙醇 2-AMINO-2-METHYL-1-PROPANOL	17
乙酸异丁酯 Isobutyl acetate	乙酸丁酯 (所有异构体) BUTYL ACETATE (ALL ISOMERS)	17
丙烯酸异丁酯 (a) Isobutyl acrylate (a)	丙烯酸丁酯 (所有异构体) BUTYL ACRYLATE (ALL ISOMERS)	17
异丁醇 ISOBUTYL ALCOHOL		17
异丁醛 (a) Isobutyl aldehyde (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
异丁胺 (a) Isobutylamine (a)	丁胺 (所有异构体) BUTYLAMINE (ALL ISOMERS)	17
异戊醇 Isobutylcarbinol	异戊醇 ISOAMYL ALCOHOL	17
甲酸异丁酯 ISOBUTYL FORMATE		17
异丁酮 Isobutyl ketone	二异丁基甲酮 DIISOBUTYL KETONE	17
甲基丙烯酸异丁酯 ISOBUTYL METHACRYLATE		17
异丁基乙醇 Isobutylmethylcarbinol	甲基戊基醇 METHYLAMYL ALCOHOL	17
异丁基甲基酮 Isobutyl methyl ketone	甲基异丁基酮 METHYL ISOBUTYL KETONE	17
异丁基甲基甲醇 Isobutylmethylemethanol	甲基戊基醇 METHYLAMYL ALCOHOL	17
异丁醛 (a) Isobutyraldehyde (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
异丁醛 (a) Isobutyric aldehyde (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
α -异氰酸酯- ω -异氰酸酯苯聚物[(异氰酸苯酯) -间-甲	聚亚甲基聚苯基异氰酸酯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
醛] Alpha-Isocyanatobenzyl-omega-isocyanatophenylpoly[(phenylisocyanate)-alt-formaldehyde]	POLYMETHYLENE POLYPHENYL ISOCYANATE	
3-异氰酸根合甲基-3,5,5-三甲基环己基异氰酸酯 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	异佛尔酮二异氰酸酯 ISOPHORONE DIISOCYANATE	17
异癸醇 Isodecanol	癸醇（所有异构体） DECYL ALCOHOL (ALL ISOMERS)	17
异癸醇 Isodecyl alcohol	癸醇（所有异构体） DECYL ALCOHOL (ALL ISOMERS)	17
异十二烷（a） Isododecane (a)	十二烷（所有异构体） DODECANE (ALL ISOMERS)	17
异杜烯（a） Isodurene (a)	四甲苯（所有异构体） TETRAMETHYLBENZENE (ALL ISOMERS)	17
异壬酸 Isononanoic acid	壬酸（所有异构体） NONANOIC ACID (ALL ISOMERS)	17
异壬醇 Isononanol	壬醇（所有异构体） NONYL ALCOHOL (ALL ISOMERS)	17
异辛烷（a） Isooctane (a)	辛烷（所有异构体） OCTANE (ALL ISOMERS)	17
异辛醇 Isooctanol	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
异戊烷（a） Isopentane (a)	戊烷（所有异构体） PENTANE (ALL ISOMERS)	17
异戊醇 Isopentanol	戊醇，伯 AMYL ALCOHOL, PRIMARY	17
异戊醇 Isopentanol	异戊醇 ISOAMYL ALCOHOL	17
异戊烯 Isopentene	戊烯（所有异构体） PENTENE (ALL ISOMERS)	17
醋酸异戊酯（a） Isopentyl acetate (a)	乙酸戊酯（所有异构体） AMYL ACETATE (ALL ISOMERS)	17
异戊醇 Isopentyl alcohol	异戊醇 ISOAMYL ALCOHOL	17
异佛尔酮 ISOPHORONE		17
异佛尔酮二胺 ISOPHORONEDIAMINE		17
异佛尔酮二异氰酸酯 ISOPHORONE DIISOCYANATE		17
异戊二烯 ISOPRENE		17
异丙醇 Isopropanol	异丙醇 ISOPROPYL ALCOHOL	18
异丙醇胺 ISOPROPANOLAMINE		17
异丙烯基苯 Isopropenylbenzene	α -甲基苯乙烯 ALPHA-METHYLSTYRENE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-异丙氧基乙醇 (a) 2-Isopropoxyethanol (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
2-异丙氧基丙烷 2-Isopropoxypropane	异丙醚 ISOPROPYL ETHER	17
乙酸异丙酯 ISOPROPYL ACETATE		17
异丙基丙酮 Isopropylacetone	甲基异丁基酮 METHYL ISOBUTYL KETONE	17
异丙醇 ISOPROPYL ALCOHOL		18
异丙胺 ISOPROPYLAMINE		17
异丙胺 (70%或以下) 溶液 ISOPROPYLAMINE (70% OR LESS) SOLUTION		17
正- (膦酰基甲基) 甘氨酸异丙基铵 Isopropylammonium N-(phosphonomethyl)glycine	草甘膦溶液 (不含表面活性剂) GLYPHOSATE SOLUTION (NOT CONTAINING SURFACTANT)	17
异丁醇 Isopropyl carbinol	异丁醇 ISOBUTYL ALCOHOL	17
异丁醇 Isopropylcarbinol	异丁醇 ISOBUTYL ALCOHOL	17
异丙基环己烷 ISOPROPYLCYCLOHEXANE		17
异丙基-2,2-二甲基三甲烯 1-Isopropyl-2,2-dimethyltrimethylene diisobutyrate	2,2,4-三甲基-1,3-戊二醇二异丁酸酯 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE	17
异丙醚 ISOPROPYL ETHER		17
异亚丙基丙酮 Isopropylideneacetone	异亚丙基丙酮 MESITYL OXIDE	17
氧化异丙基 Isopropyl oxide	异丙醚 ISOPROPYL ETHER	17
4-异丙基甲苯 4-Isopropyltoluene	对-甲基异丙基苯 P-CYMENE	17
对-异丙基甲苯 p-Isopropyltoluene	对-甲基异丙基苯 P-CYMENE	17
4-异丙基甲苯 4-Isopropyltoluol	对-甲基异丙基苯 P-CYMENE	17
异戊醛 Isovaleral	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
异戊醛 Isovaleraldehyde	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
异戊醛 Isovaleric aldehyde	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
异戊酮 Isovalerone	二异丁基甲酮 DIISOBUTYL KETONE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
麻风果油 JATROPHA OIL		17
高岭土浆料 Kaolin clay slurry	高岭土浆 KAOLIN SLURRY	18
高岭土浆料 Kaolinite slurry	高岭土浆 KAOLIN SLURRY	18
高岭土浆 KAOLIN SLURRY		18
环己酮 Ketoexamethylene	环己酮 CYCLOHEXANONE	17
酮丙烷 Ketone propane	丙酮 ACETONE	18
酮丙烷 Ketopropane	丙酮 ACETONE	18
乳酸 LACTIC ACID		17
乳腈溶液（80%或以下） LACTONITRILE SOLUTION (80% OR LESS)		17
猪油 LARD		17
胶乳，氨（1%或以下），抑制的 LATEX, AMMONIA (1% OR LESS) INHIBITED		17
乳胶：羧化苯乙烯丁二烯共聚物；苯乙烯-丁二烯橡胶 LATEX: CARBOXYLATED STYRENE-BUTADIENE COPOLYMER, STYRENE-BUTADIENE RUBBER		17
十二烷酸 LAURIC ACID		17
十二醇 Lauryl alcohol	十二烷基醇 DODECYL ALCOHOL	17
烷基铅，n.o.s. (a) Lead alkyls, n.o.s.(a)	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYLs)	17
四乙基铅（a） Lead tetraethyl (a)	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYLs)	17
四甲基铅（a） Lead tetramethyl (a)	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYLs)	17
卵磷脂 LECITHIN		18
木质素磺酸，镁盐溶液 LIGNINSULPHONIC ACID, MAGNESIUM SALT SOLUTION		17
木质素磺酸，钠盐溶液 LIGNINSULPHONIC ACID, SODIUM SALT SOLUTION		17
宁烯	二戊烯	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Limonene	DIPENTENE	
直链烷基苯 (LAB) 残渣 (a) Linear alkylbenzene (LAB) bottoms (a)	烷基苯蒸馏物 ALKYLBENZENE DISTILLATION BOTTOMS	17
亚麻油 LINSEED OIL		17
液体化学品废物 LIQUID CHEMICAL WASTES		17
长链烷基聚醚 (C11-C20) LONG-CHAIN ALKARYL POLYETHER (C11-C20)		17
长链烷基磺酸 (C16-C60) LONG-CHAIN ALKARYL SULPHONIC ACID (C16-C60)		17
长链烷基酚酯/硫化苯酚混合物 LONG-CHAIN ALKYLPHENATE/PHENOL SULPHIDE MIXTURE		17
长链烷基酚 (C14-C18) LONG-CHAIN ALKYLPHENOL (C14-C18)		17
长链烷基酚 (C18-C30) LONG-CHAIN ALKYLPHENOL (C18-C30)		17
氢氧化钠浓溶液 Lye, soda solution	氢氧化钠溶液 (*) SODIUM HYDROXIDE SOLUTION (*)	17
L-赖氨酸溶液 (60%或以下) L-LYSINE SOLUTION (60% OR LESS)		17
氢化镁水化物 Magnesia hydrate	氢氧化镁浆 MAGNESIUM HYDROXIDE SLURRY	17
氯化镁溶液 MAGNESIUM CHLORIDE SOLUTION		17
氢氧化镁浆 MAGNESIUM HYDROXIDE SLURRY		17
木质磺酸镁溶液 Magnesium Lignasulphonate solution	木质素磺酸, 镁盐溶液 LIGNINSULPHONIC ACID, MAGNESIUM SALT SOLUTION	17
长链烷基磺酸镁 (C11-C50) MAGNESIUM LONG-CHAIN ALKARYL SULPHONATE (C11-C50)		17
长链烷基水杨酸镁 (C11+) MAGNESIUM LONG-CHAIN ALKYL SALICYLATE (C11+)		17
顺丁烯二酐 MALEIC ANHYDRIDE		17
马来酸酐-烯丙基磺酸钠共聚物溶液 MALEIC ANHYDRIDE-SODIUM ALLYLSULPHONATE COPOLYMER SOLUTION		17
麦芽糖醇糖浆 Maltitol	麦芽糖醇溶液 MALTITOL SOLUTION	18
麦芽糖醇溶液 MALTITOL SOLUTION		18

索引名称 Index Name	货物名称 Product Name	章 Chapter
麦芽糖醇糖浆 Maltitol syrup	麦芽糖醇溶液 MALTITOL SOLUTION	18
芒果核油 MANGO KERNEL OIL		17
葡甲胺溶液（70%或以下） Meglumine solution (70% or less)	N-甲基葡萄糖胺溶液（70%或以下） N-METHYLGLUCAMINE SOLUTION (70% OR LESS)	17
巯基苯并噻唑，钠盐溶液 MERCAPTOBENZOTHAZOL, SODIUM SALT SOLUTION		17
三甲苯 Mesitylene	三甲苯（所有异构体） TRIMETHYLBENZENE (ALL ISOMERS)	17
异亚丙基丙酮 MESITYL OXIDE		17
聚甲醛 Metaformaldehyde	1,3,5-三噁烷 1,3,5-TRIOXANE	17
变位钠 Metam-sodium	变位钠溶液 METAM SODIUM SOLUTION	17
变位钠溶液 METAM SODIUM SOLUTION		17
甲基丙烯酸 METHACRYLIC ACID		17
甲基丙烯酸-烷氧基聚（氧化烯）甲基丙烯酸酯共聚物，钠盐溶液（45%或以下） METHACRYLIC ACID - ALKOXPOLY (ALKYLENE OXIDE) METHACRYLATE COPOLYMER, SODIUM SALT AQUEOUS SOLUTION (45% OR LESS)		17
α-甲基丙烯酸 alpha-Methacrylic acid	甲基丙烯酸 METHACRYLIC ACID	17
甲基丙烯酸十二（烷）酯 Methacrylic acid, dodecyl ester	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
甲基丙烯酸十二（烷）酯 Methacrylic acid, lauryl ester	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
二氯乙烯中的甲基丙烯酸树脂 METHACRYLIC RESIN IN ETHYLENE DICHLORIDE		17
甲基丙烯腈 METHACRYLONITRILE		17
甲醛 Methanal	甲醛溶液（45%或以下） FORMALDEHYDE SOLUTIONS (45% OR LESS)	17
甲酰胺 Methanamide	甲酰胺 FORMAMIDE	17
甲胺 Methanamine	甲胺溶液（42%或以下） METHYLAMINE SOLUTIONS (42% OR LESS)	17
乙酸	乙酸	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Methanecarboxylic acid	ACETIC ACID	
甲酸 Methanoic acid	甲酸 (85%或以下) FORMIC ACID (85% OR LESS ACID)	17
甲醇 Methanol	甲醇 (*) METHYL ALCOHOL (*)	17
甲胺 Methenamine	乌洛托品溶液 HEXAMETHYLENETETRAMINE SOLUTIONS	17
3-甲氧基丁-1-醇 3-Methoxybutan-1-ol	3-甲氧基-1-丁酮 3-METHOXY-1-BUTANOL	17
3-甲氧基-1-丁酮 3-METHOXY-1-BUTANOL		17
3-甲氧基乙酸丁酯 3-METHOXYBUTYL ACETATE		17
2-甲氧基乙醇 (a) 2-Methoxyethanol (a)	乙二醇单烷基醚 ETHYLENE GLYCOL MONOALKYL ETHERS	17
2-(2-甲氧基)乙醇 (a) 2-(2-Methoxyethoxy)ethanol (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
2-[2-(2-甲氧基乙氧基)乙氧基]乙醇 (a) 2-[2-(2-Methoxyethoxy)ethoxy]ethanol (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
2-(2-甲氧基乙氧基)乙基乙酸酯 2-(2-Methoxyethoxy)ethyl acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙 酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
2-甲氧基乙基乙酸酯 2-Methoxyethyl acetate	乙二醇甲醚乙酸酯 ETHYLENE GLYCOL METHYL ETHER ACETATE	17
2-甲氧基-2-甲基丁烷 2-Methoxy-2-methylbutane	叔戊基甲基醚 TERT-AMYL METHYL ETHER	17
3-甲氧基-3-甲基丁-1-醇 3-Methoxy-3-methylbutan-1-ol	3-甲基-3-甲氧基丁醇 3-METHYL-3-METHOXYBUTANOL	17
醋酸2-甲氧基-1-甲基乙酯 2-Methoxy-1-methylethyl acetate	丙二醇甲基醚乙酸酯 PROPYLENE GLYCOL METHYL ETHER ACETATE	17
N-(2-甲氧基-1-甲基乙基)-2-乙基-6-甲基乙酰氯苯胺 N-(2-METHOXY-1-METHYL ETHYL)-2-ETHYL-6-METHYL CHLOROACETANILIDE		17
2-甲氧基-2-甲基丙烷 2-methoxy-2-methylpropane	甲基叔丁基醚 METHYL TERT-BUTYL ETHER	17
1-甲氧基丙-2-醇 (a) 1-Methoxypropan-2-ol (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
醋酸1-甲氧基-2-丙酯 1-Methoxy-2-propanol acetate	丙二醇甲基醚乙酸酯 PROPYLENE GLYCOL METHYL ETHER	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
	ACETATE	
1-(2-甲氧基丙氧基)丙烷-2-醇(a) 1-(2-Methoxypropoxy)propan-2-ol(a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
3-[3-(3-甲氧基丙氧基)丙氧基]丙烷-1-醇(a) 3-[3-(3-Methoxypropoxy)propoxy]propan-1-ol(a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
甲氧基三甘醇(a) Methoxytriglycol(a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
甲基乙醛 Methylacetaldehyde	丙醛 PROPIONALDEHYDE	17
乙酸甲酯 METHYL ACETATE		17
甲基乙酸 Methylacetic acid	丙酸 PROPIONIC ACID	17
乙酰乙酸甲酯 METHYL ACETOACETATE		17
乙酰乙酸甲酯 Methyl acetylacetate	乙酰乙酸甲酯 METHYL ACETOACETATE	17
β -甲基丙烯醛 beta-Methylacrolein	巴豆醛 CROTONALDEHYDE	17
丙烯酸甲酯 METHYL ACRYLATE		17
2-甲基丙烯酸 2-Methylacrylic acid	甲基丙烯酸 METHACRYLIC ACID	17
2-异丁烯酸十二(烷)基酯 2-Methylacrylic acid, dodecyl ester	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
2-甲基丙烯酸十二(烷)酯 2-Methylacrylic acid, lauryl ester	十二烷基丙烯酸酯 DODECYL METHACRYLATE	17
甲醇(*) METHYL ALCOHOL(*)		17
甲胺溶液(42%或以下) METHYLAMINE SOLUTIONS(42% OR LESS)		17
1-甲基-2-氨基苯 1-Methyl-2-aminobenzene	邻甲苯胺 O-TOLUIDINE	17
2-甲基-1-氨基苯 2-Methyl-1-aminobenzene	邻甲苯胺 O-TOLUIDINE	17
乙酸甲基戊酯 METHYLAMYL ACETATE		17
甲基戊基醇 METHYLAMYL ALCOHOL		17
甲基戊基酮 METHYL AMYL KETONE		17
甲基正戊基酮 Methyl n-amyl ketone	甲基戊基酮 METHYL AMYL KETONE	17
2-甲基苯胺 2-Methylaniline	邻甲苯胺 O-TOLUIDINE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
N-甲基苯胺 N-METHYLANILINE		17
邻-甲基苯胺 O-Methylaniline	邻甲苯胺 O-TOLUIDINE	17
2-甲基苯胺 2-Methylbenzenamine	邻甲苯胺 O-TOLUIDINE	17
邻-甲基苯胺 O-Methylbenzenamine	邻甲苯胺 O-TOLUIDINE	17
甲苯 Methylbenzene	甲苯 TOLUENE	17
甲苯 Methylbenzol	甲苯 TOLUENE	17
α-甲基苯甲醇含苯乙酮（15%或以下） ALPHA-METHYLBENZYL ALCOHOL WITH ACETOPHENONE (15% OR LESS)		17
2-甲基-1,3-丁二烯 2-Methyl-1,3-butadiene	异戊二烯 ISOPRENE	17
3-甲基-1,3-丁二烯 3-Methyl-1,3-butadiene	异戊二烯 ISOPRENE	17
2-甲基正丁醛 2-Methylbutanal	戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)	17
3-甲基丁醛 3-Methylbutanal	戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)	17
2-甲基丁烷（a） 2-Methylbutane (a)	戊烷（所有异构体） PENTANE (ALL ISOMERS)	17
丁酸甲酯 Methyl butanoate	丁酸甲酯 METHYL BUTYRATE	17
2-甲基-2-丁醇 2-Methyl-2-butanol	叔戊醇 TERT-AMYL ALCOHOL	17
2-甲基丁-2-醇 2-Methylbutan-2-ol	叔戊醇 TERT-AMYL ALCOHOL	17
2-甲基-4-丁醇 2-Methyl-4-butanol	异戊醇 ISOAMYL ALCOHOL	17
3-甲基丁-1-醇 3-Methylbutan-1-ol	异戊醇 ISOAMYL ALCOHOL	17
3-甲基-1-丁醇 3-Methyl-1-butanol	戊醇，伯 AMYL ALCOHOL, PRIMARY	17
3-甲基丁-1-醇 3-Methylbutan-1-ol	戊醇，伯 AMYL ALCOHOL, PRIMARY	17
3-甲基丁-3-醇 3-Methylbutan-3-ol	叔戊醇 TERT-AMYL ALCOHOL	17
3-甲基丁烯-1（a） 3-Methylbut-1-ene (a)	戊烯（所有异构体） PENTENE (ALL ISOMERS)	17
甲基丁烯（a） Methylbutenes (a)	戊烯（所有异构体） PENTENE (ALL ISOMERS)	17
甲基丁烯醇 METHYLBUTENOL		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
醋酸1-甲基丁酯 (a) 1-Methylbutyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
2-甲基-2-丁醇 2-Methyl-2-butyl alcohol	叔戊醇 TERT-AMYL ALCOHOL	17
3-甲基-1-丁醇 3-Methyl-1-butyl alcohol	异戊醇 ISOAMYL ALCOHOL	17
3-甲基-3-丁醇 3-Methyl-3-butyl alcohol	叔戊醇 TERT-AMYL ALCOHOL	17
甲基叔丁基醚 METHYL TERT-BUTYL ETHER		17
甲基丁基酮 METHYL BUTYL KETONE		17
甲基丁炔醇 METHYLBUTYNOL		17
2-甲基-3-丁炔-2-醇 2-Methyl-3-butyn-2-ol	2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE	17
2-甲基丁-3-炔-2-醇 2-Methylbut-3-yn-2-ol	2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE	17
2-甲基-3-丁炔-2-醇 2-Methyl-3-butyn-2-ol	甲基丁炔醇 METHYLBUTYNOL	17
2-甲基丁-3-炔-2-醇 2-Methylbut-3-yn-2-ol	甲基丁炔醇 METHYLBUTYNOL	17
2-甲基丁醛 2-Methylbutyraldehyde	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
3-甲基丁醛 3-Methylbutyraldehyde	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17
丁酸甲酯 METHYL BUTYRATE		17
甲基'卡必醇'乙酸酯 (a) Methyl 'carbitol' acetate (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE	17
甲基溶纤剂乙酸酯 Methyl 'cellosolve' acetate	乙二醇甲醚乙酸酯 ETHYLENE GLYCOL METHYL ETHER ACETATE	17
甲基氯仿 Methylchloroform	1,1,1-三氯乙烷 1,1,1-TRICHLOROETHANE	17
甲基氰 Methyl cyanide	乙腈 ACETONITRILE	17
甲基环己烷 METHYLCYCLOHEXANE		17
1-甲基-1,3-环戊二烯二聚物 1-Methyl-1,3-cyclopentadiene	甲基环戊二烯二聚物 METHYLCYCLOPENTADIENE DIMER	17
甲基环戊二烯二聚物 METHYLCYCLOPENTADIENE DIMER		17
甲基环戊二烯基三羰基锰 METHYLCYCLOPENTADIENYL MANGANESE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
TRICARBONYL		
甲基二乙醇胺 METHYL DIETHANOLAMINE		17
4-甲基-1,3-二氧代环-2-酮 4-Methyl-1,3-dioxolan-2-one	碳酸丙烯 PROPYLENE CARBONATE	17
甲基化二硫 Methyl disulphide	二甲基二硫 DIMETHYL DISULPHIDE	17
亚甲基双(4-氰氧基苯) Methylenebis(4-cyanatobenzene)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
亚甲基双(4-苯基异氰盐) Methylenebis(4-phenyl isocyanate)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
亚甲基双4-(亚苯基异氰盐) Methylenebis(4-phenylene isocyanate)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
亚甲基双(对-苯基异氰盐) Methylenebis(p-phenylene isocyanate)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
4,4'-亚甲基双(苯基异氰盐) 4,4'-Methylenebis(4-phenyl isocyanate)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
二溴甲烷 Methylene bromide	二溴甲烷 DIBROMOMETHANE	17
二氯甲烷 Methylene chloride	二氯甲烷 DICHLOROMETHANE	17
4,4'-亚甲基二苯基二异氰盐 4,4'-Methylenedi(phenyl isocyanate)	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
二氯甲烷 Methylene dichloride	二氯甲烷 DICHLOROMETHANE	17
4,4'-亚甲基二苯基二异氰盐 4,4'-Methylenediphenyl diisocyanate	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
亚甲基二-对-亚苯基二异氰盐 Methylenedi-p-phenylene diisocyanate	二苯甲烷二异氰酸酯 DIPHENYLMETHANE DIISOCYANATE	17
2-亚甲基丙酸 2-Methylenepropionic acid	甲基丙烯酸 METHACRYLIC ACID	17
乙酸甲酯 Methyl ethanoate	乙酸甲酯 METHYL ACETATE	17
醋酸1-甲基乙酯 1-Methylethyl acetate	乙酸异丙酯 ISOPROPYL ACETATE	17
1-甲基乙胺 1-Methylethylamine	异丙胺 ISOPROPYLAMINE	17
2-甲基-6-乙基苯胺 2-METHYL-6-ETHYL ANILINE		17
甲基甲醇 Methylethylcarbinol	仲-丁醇 SEC-BUTYL ALCOHOL	18
甲基乙二醇 Methylethylene glycol	丙二醇 PROPYLENE GLYCOL	18
甲基环氧乙烷 Methylethylene oxide	1,2-环氧丙烷 PROPYLENE OXIDE	17
甲基乙基酮 METHYL ETHYL KETONE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
N-(1-甲基乙基)丙烷-2-胺 N-(1-Methylethyl)propan-2-amine	二异丙胺 DIISOPROPYLAMINE	17
2-甲基-5-乙基吡啶 2-METHYL-5-ETHYL PYRIDINE		17
甲酸甲酯 METHYL FORMATE		17
N-甲基甲酸甲酯溶液（70%或以下） N-METHYLGLUCAMINE SOLUTION (70% OR LESS)		17
正-甲基-右旋-葡糖胺 N-methyl-D-glucamine,solution (70% OR LESS)	N-甲基甲酸甲酯溶液（70%或以下） N-METHYLGLUCAMINE SOLUTION (70% OR LESS)	17
2-甲基戊二腈含2-乙基丁二腈（12%或以下） 2-METHYLGLUTARONITRILE WITH 2-ETHYLSUCCINONITRILE (12% OR LESS)		17
乙二醇一甲醚 Methyl glycol	丙二醇 PROPYLENE GLYCOL	18
5-甲基-3-更酮 5-Methylheptan-3-one	乙基戊基甲酮 ETHYL AMYL KETONE	17
5-甲基更-3-酮 5-Methyl-3-heptanone	乙基戊基甲酮 ETHYL AMYL KETONE	17
甲基己甲醇 Methylhexylcarbinol	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
邻-羟基苯甲酸甲酯 Methyl-2-hydroxybenzoate	水杨酸甲酯 METHYL SALICYLATE	17
邻-羟基苯甲酸甲酯 Methyl o-hydroxybenzoate	水杨酸甲酯 METHYL SALICYLATE	17
2-甲基-2-羟基-3-丁炔 2-METHYL-2-HYDROXY-3-BUTYNE		17
2,2'-(甲基亚氨基)二乙醇 2,2'-(Methylimino)diethanol	甲基二乙醇胺 METHYL DIETHANOLAMINE	17
正-甲基-2,2'-亚氨基二乙醇 N-Methyl-2,2'-iminodiethanol	甲基二乙醇胺 METHYL DIETHANOLAMINE	17
甲基异戊基酮 Methyl isoamyl ketone	甲基戊基酮 METHYL AMYL KETONE	17
甲基异丁烯甲酮 Methyl isobutenyl ketone	异亚丙基丙酮 MESITYL OXIDE	17
甲基异丁基甲醇 Methylisobutylcarbinol	甲基戊基醇 METHYLAMYL ALCOHOL	17
醋酸甲基异丁基甲酯 Methylisobutylcarbinol acetate	乙酸甲基戊酯 METHYLAMYL ACETATE	17
甲基异丁基酮 METHYL ISOBUTYL KETONE		17
对-甲基异丙基苯 p-Methylisopropyl benzene	对-甲基异丙基苯 P-CYMENE	17
2-甲基乳腈 2-Methylactonitrile	丙酮氰醇 ACETONE CYANOHYDRIN	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
甲基巯基丙醛 methyl mercaptopropionaldehyde	3-(甲硫基)丙醛 3-(METHYLTHIO)PROPIONALDEHYDE	17
甲基丙烯酸甲酯 METHYL METHACRYLATE		17
甲酸甲酯 Methyl methanoate	甲酸甲酯 METHYL FORMATE	17
3-甲基-3-甲氧基丁醇 3-METHYL-3-METHOXYBUTANOL		17
α -丙烯酸甲酯 Methyl alpha-methylacrylate	甲基丙烯酸甲酯 METHYL METHACRYLATE	17
7-甲基-3-亚甲基-1,6-辛二烯 7-Methyl-3-methylene-1,6-octadiene	月桂烯 MYRCENE	17
2-甲基丙烯2-酸甲酯 Methyl 2-methylprop-2-enoate	甲基丙烯酸甲酯 METHYL METHACRYLATE	17
甲基萘(熔融的) METHYL NAPHTHALENE (MOLTEN)		17
α -甲基萘(熔融的) alpha-Methylnaphthalene (molten) (a)	甲基萘(熔融的) METHYL NAPHTHALENE (MOLTEN)	17
β -甲基萘(熔融的) beta-Methylnaphthalene (molten) (a)	甲基萘(熔融的) METHYL NAPHTHALENE (MOLTEN)	17
(邻-或对-) 甲基硝基苯 (o- and p-) Methylnitrobenzene	邻或对硝基甲苯 O- OR P-NITROTOLUENES	17
8-甲基壬-1-醇 8-Methylnonan-1-ol	癸醇(所有异构体) DECYL ALCOHOL (ALL ISOMERS)	17
甲醇基丙烷 Methylolpropane	正-丁醇 N-BUTYL ALCOHOL	18
α -甲基- Ω -甲氧基聚氧乙烯 alpha-Methyl-omega-methoxypoly(ethylene oxide)	聚乙二醇二甲醚 POLYETHYLENE GLYCOL DIMETHYL ETHER	17
α -甲基- Ω -甲氧基聚(氧-1, 2-乙二基) alpha-Methyl-omega-methoxypoly(oxy-1,2-ethanediyl)	聚乙二醇二甲醚 POLYETHYLENE GLYCOL DIMETHYL ETHER	17
α -甲基- Ω -甲氧基聚氧乙烯 alpha-Methyl-omega-methoxypoly(oxyethylene)	聚乙二醇二甲醚 POLYETHYLENE GLYCOL DIMETHYL ETHER	17
环氧丙烷 Methyloxirane	1,2-环氧丙烷 PROPYLENE OXIDE	17
2-甲基-2,4-戊二醇 2-Methyl-2,4-pentanediol	己二醇 HEXYLENE GLYCOL	17
2-甲基戊烷-2,4-二醇 2-Methylpentane-2,4-diol	己二醇 HEXYLENE GLYCOL	17
4-甲基戊醇-2 4-Methylpentanol-2	甲基戊基醇 METHYLAMYL ALCOHOL	17
4-甲基戊-2-醇 4-Methylpentan-2-ol	甲基戊基醇 METHYLAMYL ALCOHOL	17
醋酸4-甲基-2-戊酯 4-Methyl-2-pentanol acetate	乙酸甲基戊酯 METHYLAMYL ACETATE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
4-甲基-2-戊酮 4-Methyl-2-pentanone	甲基异丁基酮 METHYL ISOBUTYL KETONE	17
4-甲基戊-2-酮 4-Methylpentan-2-one	甲基异丁基酮 METHYL ISOBUTYL KETONE	17
2-甲基戊烯 (a) 2-Methylpentene (a)	己烯 (所有异构体) HEXENE (ALL ISOMERS)	17
2-甲基-1-戊烯 (a) 2-Methylpent-1-ene (a)	己烯 (所有异构体) HEXENE (ALL ISOMERS)	17
2-甲基戊-1-烯 (a) 2-Methylpent-1-ene (a)	己烯 (所有异构体) HEXENE (ALL ISOMERS)	17
4-甲基-1-戊烯 (a) 4-Methyl-1-pentene (a)	己烯 (所有异构体) HEXENE (ALL ISOMERS)	17
4-甲基-3-戊-2酮 4-Methyl-3-penten-2-one	异亚丙基丙酮 MESITYL OXIDE	17
4-甲基戊-2-酮 4-Methylpent-3-en-2-one	异亚丙基丙酮 MESITYL OXIDE	17
醋酸4-甲基-2-戊酯 4-Methyl-2-pentyl acetate	乙酸甲基戊酯 METHYLAMYL ACETATE	17
醋酸甲基戊酯 Methylpentyl acetates	乙酸甲基戊酯 METHYLAMYL ACETATE	17
甲基特戊基醚 Methyl tert-pentyl ether	叔戊基甲基醚 TERT-AMYL METHYL ETHER	17
甲基戊基酮 Methyl pentyl ketone	甲基戊基酮 METHYL AMYL KETONE	17
2-甲基-间-苯二胺 (a) 2-Methyl-m-phenylenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
4-甲基-间-苯二胺 (a) 4-Methyl-m-phenylenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
二异氰酸甲基苯酯 Methylphenylene diisocyanate	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
4-甲基-1,3-苯撑二异氰酸酯 4-methyl-1,3-phenylene diisocyanate	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
二异氰酸4-甲基-间-苯酯 4-Methyl-m-phenylene diisocyanate	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
2-甲基-2-苯丙烷 (a) 2-Methyl-2-phenylpropane (a)	丁苯 (所有异构体) BUTYLBENZENE (ALL ISOMERS)	17
2-甲基丙醛 (a) 2-Methylpropanal (a)	丁醛 (所有异构体) BUTYRALDEHYDE (ALL ISOMERS)	17
2-甲基-1,3-丙二醇 2-METHYL-1,3-PROPANEDIOL		17
2-甲基-1-丙醇 2-Methyl-1-propanol	异丁醇 ISOBUTYL ALCOHOL	17
2-甲基丙-1-醇 2-Methylpropan-1-ol	异丁醇 ISOBUTYL ALCOHOL	17
2-甲基-2-丙醇 2-Methyl-2-propanol	叔丁醇 TERT-BUTYL ALCOHOL	17
2-甲基丙-2-醇	叔丁醇	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2-Methylpropan-2-ol	TERT-BUTYL ALCOHOL	
2-甲基丙-2-烯腈 2-Methylprop-2-enenitrile	甲基丙烯腈 METHACRYLONITRILE	17
2-甲基丙烯酸 2-Methylpropenoic acid	甲基丙烯酸 METHACRYLIC ACID	17
α -甲基丙烯酸 alpha-Methylpropenoic acid	甲基丙烯酸 METHACRYLIC ACID	17
2-甲基丙烯基-1-甲基酮 2-Methylprop-1-enyl methyl ketone	异亚丙基丙酮 MESITYL OXIDE	17
丙烯酸2-甲基丙酯 (a) 2-Methylpropyl acrylate (a)	丙烯酸丁酯 (所有异构体) BUTYL ACRYLATE (ALL ISOMERS)	17
2-甲基-1-丙醇 2-Methyl-1-propyl alcohol	异丁醇 ISOBUTYL ALCOHOL	17
2-甲基-2-丙醇 2-Methyl-2-propyl alcohol	叔丁醇 TERT-BUTYL ALCOHOL	17
甲基丙基甲醇 Methylpropylcarbinol	仲戊醇 SEC-AMYL ALCOHOL	17
甲酸2-甲基丙酯 2-Methylpropyl formate	甲酸异丁酯 ISOBUTYL FORMATE	17
甲基丙酮 METHYL PROPYL KETONE		17
2-甲基吡啶 2-METHYLPYRIDINE		17
3-甲基吡啶 3-METHYLPYRIDINE		17
4-甲基吡啶 4-METHYLPYRIDINE		17
α -甲基吡啶 alpha-Methylpyridine	2-甲基吡啶 2-METHYLPYRIDINE	17
1-甲基-2-吡咯烷 1-Methyl-2-pyrrolidinone	N-甲基-2-吡咯烷酮 N-METHYL-2-PYRROLIDONE	17
1-甲基吡咯烷-2酮 1-Methylpyrrolidin-2-one	N-甲基-2-吡咯烷酮 N-METHYL-2-PYRROLIDONE	17
N-甲基吡咯烷酮 N-Methylpyrrolidinone	N-甲基-2-吡咯烷酮 N-METHYL-2-PYRROLIDONE	17
1-甲基-2-吡咯烷酮 1-Methyl-2-pyrrolidone	N-甲基-2-吡咯烷酮 N-METHYL-2-PYRROLIDONE	17
N-甲基-2-吡咯烷酮 N-METHYL-2-PYRROLIDONE		17
水杨酸甲酯 METHYL SALICYLATE		17
大豆酸甲酯 Methyl soyate	大豆油脂肪酸甲酯 SOYBEAN OIL FATTY ACID METHYL ESTER	17
甲基苯乙烯 (所有异构体) Methylstyrene (all isomers)	乙烯基甲苯 VINYL TOLUENE	17
α-甲基苯乙烯		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
ALPHA-METHYLSTYRENE		
3-（甲硫基）丙醛 3-(METHYLTHIO)PROPIONALDEHYDE		17
2-甲基三亚甲基乙二醇 2-Methyltrimethylene glycol	2-甲基-1,3-丙二醇 2-METHYL-1,3-PROPANEDIOL	17
异丙甲草胺 Metolachlor	N-(2-甲氧基-1-甲基乙基)-2-乙基-6-甲基乙 酰氯苯胺 N-(2-METHOXY-1-METHYL ETHYL)-2-ETHYL-6-METHYL CHLOROACETANILIDE	17
硅粉浆 MICROSILICA SLURRY		18
中油 Middle oil	酚油 CARBOLIC OIL	17
乳酸 Milk acid	乳酸 LACTIC ACID	17
氧化镁乳剂 Milk of magnesia	氢氧化镁浆 MAGNESIUM HYDROXIDE SLURRY	18
地蜡 Mineral wax	碳氢蜡 HYDROCARBON WAX	17
混合脂族氧化碳氢化合物，初级乙醇类和脂醚类；分子 量：>200（a） Mixed aliphatic oxygenated hydrocarbons, primary aliphatic alcohols and aliphatic ethers: mol wt: >200 (a)	氧化脂族烃混合物 OXYGENATED ALIPHATIC HYDROCARBON MIXTURE	17
糖蜜 MOLASSES		18
聚硫化钼长链烷基二硫脲复合体 MOLYBDENUM POLYSULPHIDE LONG CHAIN ALKYL DITHIOCARBAMIDE COMPLEX		17
一氯代苯 Monochlorobenzene	氯苯 CHLOROBENZENE	17
单氯苯 Monochlorobenzol	氯苯 CHLOROBENZENE	17
单乙醇胺 Monoethanolamine	乙醇胺 ETHANOLAMINE	17
单乙胺 Monoethylamine	乙胺（*） ETHYLAMINE（*）	17
单乙胺溶液，72%或以下 Monoethylamine solutions, 72% or less	乙胺溶液（72%或以下） ETHYLAMINE SOLUTIONS (72% OR LESS)	17
一异丙醇胺 Monoisopropanolamine	异丙醇胺 ISOPROPANOLAMINE	17
单异丙胺 Monoisopropylamine	异丙胺 ISOPROPYLAMINE	17
单甲铵溶液，42%或以下 Monomethylamine solutions, 42% or less	甲胺溶液（42%或以下） METHYLAMINE SOLUTIONS (42% OR LESS)	17
单丙胺 Monopropylamine	正丙胺 N-PROPYLAMINE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
单丙二醇 Monopropylene glycol	丙二醇 PROPYLENE GLYCOL	18
吗啉 MORPHOLINE		17
内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYLs)		17
盐酸 Muriatic acid	盐酸（*） HYDROCHLORIC ACID（*）	17
月桂烯 MYRCENE		17
石脑油,煤焦油 Naphtha, coal tar	煤焦油石脑油溶剂 COAL TAR NAPHTHA SOLVENT	17
萘（熔融的） NAPHTHALENE (MOLTEN)		17
萘原油（熔融的） NAPHTHALENE CRUDE (MOLTEN)		17
萘磺酸-甲醛共聚物，钠盐溶液 NAPHTHALENESULPHONIC ACID-FORMALDEHYDE COPOLYMER, SODIUM SALT SOLUTION		17
石脑油（石油）轻蒸气裂解芳烃（a） Naphtha (petroleum), Light Steam-cracked Aromatics (a)	烷基苯混合物（含油至少50%的甲苯） ALKYLBENZENE MIXTURES (CONTAINING AT LEAST 50% OF TOLUENE)	17
石脑油安全溶剂 Naphtha safety solvent	石油溶剂，低（15-20%）芳香烃 WHITE SPIRIT, LOW (15-20%) AROMATIC	17
新癸酸 NEODECANOIC ACID		17
新癸酸2,3-环氧丙酯 Neodecanoic acid, 2,3-epoxypropyl ester	C10三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID	17
新癸酸，缩水甘油酯 Neodecanoic acid, glycidyl ester	C10三烷基乙酸缩水甘油酯 GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID	17
新癸酸乙烯酯 Neodecanoic acid vinyl ester	新癸酸乙烯酯 VINYL NEODECANOATE	17
新戊烷（a） Neopentane (a)	戊烷（所有异构体） PENTANE (ALL ISOMERS)	17
新戊酸 Neopentanoic acid	三甲基乙酸 TRIMETHYLACETIC ACID	17
新戊二醇 Neopentylene glycol	2,2-二甲基丙烷-1,3-二醇（熔融的或溶液） 2,2-DIMETHYLPROPANE-1,3-DIOL (MOLTEN OR SOLUTION)	17
硝化酸（硫酸和硝酸混合物） NITRATING ACID (MIXTURE OF SULPHURIC AND NITRIC ACIDS)		17
硝酸（70%及以上）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
NITRIC ACID (70% AND OVER)		
硝酸（70%以下） NITRIC ACID (LESS THAN 70%)		17
硝酸，发烟（a） Nitric acid, fuming (a)	硝酸（70%及以上） NITRIC ACID (70% AND OVER)	17
红热发烟硝酸 Nitric acid, red fuming	硝酸（70%及以上） NITRIC ACID (70% AND OVER)	17
次氨基三乙酸，三钠盐溶液 NITRILOTRIACETIC ACID, TRISODIUM SALT SOLUTION		17
2,2',2"-次氨基三乙醇 2,2',2"-Nitrilotriethanol	三乙醇胺 TRIETHANOLAMINE	17
次氨基-2,2',2"-三乙醇 Nitrilo-2,2',2"-triethanol	三乙醇胺 TRIETHANOLAMINE	17
1,1',1"-次氨基三丙-2-醇 1,1',1"-Nitrilotripropan-2-ol	三异丙醇胺 TRIISOPROPANOLAMINE	17
1,1',1"-次氨基三-2-丙醇 1,1',1"-Nitrilotri-2-propanol	三异丙醇胺 TRIISOPROPANOLAMINE	17
硝基苯 NITROBENZENE		17
硝基苯 Nitrobenzol	硝基苯 NITROBENZENE	17
邻-硝基氯苯 o-Nitrochlorobenzene	邻-氯硝基苯 O-CHLORONITROBENZENE	17
硝基乙烷 NITROETHANE		17
硝基乙烷（80%）/硝基丙烷（20%） NITROETHANE (80%)/ NITROPROPANE (20%)		17
硝基乙烷、1-硝基丙烷（各15%或以上）混合物 NITROETHANE, 1-NITROPROPANE (EACH 15% OR MORE) MIXTURE		17
邻-硝基酚（熔融的） ortho-Nitrophenol (molten)	邻-硝基苯酚（熔融的） O-NITROPHENOL (MOLTEN)	17
2-硝基酚（熔融的） 2-Nitrophenol (molten)	邻-硝基苯酚（熔融的） O-NITROPHENOL (MOLTEN)	17
邻-硝基苯酚（熔融的） O-NITROPHENOL (MOLTEN)		17
1-或2-硝基丙烷 1- OR 2-NITROPROPANE		17
硝基丙烷（60%）/硝基乙烷（40%）混合物 NITROPROPANE (60%)/NITROETHANE (40%) MIXTURE		17
2-硝基甲苯（a） 2-Nitrophenol (a)	邻或对硝基甲苯 O- OR P-NITROTOLUENES	17
4-硝基甲苯（a） 4-Nitrophenol (a)	邻或对硝基甲苯 O- OR P-NITROTOLUENES	17
对-硝基甲苯（a） o-Nitrophenol (a)	邻或对硝基甲苯 O- OR P-NITROTOLUENES	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
对-硝基甲苯 (a) p-Nitrophenol (a)	邻或对硝基甲苯 O- OR P-NITROTOLUENES	17
邻或对硝基甲苯 O- OR P-NITROTOLUENES		17
壬烷 (所有异构体) NONANE (ALL ISOMERS)		17
1-壬烷羧酸 1-Nonanecarboxylic acid	癸酸 DECANOIC ACID	17
正-壬烷 (a) n-Nonane (a)	壬烷 (所有异构体) NONANE (ALL ISOMERS)	17
壬酸 (所有异构体) NONANOIC ACID (ALL ISOMERS)		17
壬醇 Nonanols	壬醇 (所有异构体) NONYL ALCOHOL (ALL ISOMERS)	17
非食用工业级棕榈油 NON-EDIBLE INDUSTRIAL GRADE PALM OIL		17
壬烯 (所有异构体) NONENE (ALL ISOMERS)		17
壬醇 (所有异构体) NONYL ALCOHOL (ALL ISOMERS)		17
壬基甲醇 Nonylcarbinol	癸醇 (所有异构体) DECYL ALCOHOL (ALL ISOMERS)	17
壬烯 (a) Nonylene (a)	壬烯 (所有异构体) NONENE (ALL ISOMERS)	17
壬烷 (a) Nonyl hydride (a)	壬烷 (所有异构体) NONANE (ALL ISOMERS)	17
壬基甲基丙烯酸酯单体 NONYL METHACRYLATE MONOMER		17
壬基酚 NONYLPHENOL		17
壬基苯酚聚(4+)乙氧醚 NONYLPHENOL POLY(4+)ETHOXYLATE		17
α -4-壬基苯酚- ω 羟基聚(氧乙基)(b) alpha-4-Nonylphenyl-omega-hydroxypoly(oxyethylene) (b)	烷基聚醚(C9-C20) ALKARYL POLYETHERS (C9-C20)	17
诺品烯 Nopinen	β -蒎烯 BETA-PINENE	17
诺品烯 Nopinene	β -蒎烯 BETA-PINENE	17
有毒液体, 不易燃的, (1) 未另列明的(商品名..., 含有...) 1型船, X类 NOXIOUS LIQUID, NF, (1) N.O.S. (TRADE NAME, CONTAINS) ST1, CAT. X		17
有毒液体, 易燃的, (2) 未另列明的(商品名..., 含有...) 1型船, X类 NOXIOUS LIQUID, F, (2) N.O.S. (TRADE NAME, CONTAINS) ST1, CAT. X		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
有毒液体，不易燃的，（3）未另列明的（商品名…，含有…）2型船，X类 NOXIOUS LIQUID, NF, (3) N.O.S. (TRADE NAME, CONTAINS) ST2, CAT. X		17
有毒液体，易燃的，（4）未另列明的（商品名…，含有…）2型船，X类 NOXIOUS LIQUID, F, (4) N.O.S. (TRADE NAME, CONTAINS) ST2, CAT. X		17
有毒液体，不易燃的，（5）未另列明的（商品名…，含有…）2型船，Y类 NOXIOUS LIQUID, NF, (5) N.O.S. (TRADE NAME, CONTAINS) ST2, CAT. Y		17
有毒液体，易燃的，（6）未另列明的（商品名…，含有…）2型船，Y类 NOXIOUS LIQUID, F, (6) N.O.S. (TRADE NAME, CONTAINS) ST2, CAT. Y		17
有毒液体，不易燃的，（7）未另列明的（商品名…，含有…）3型船，Y类 NOXIOUS LIQUID, NF, (7) N.O.S. (TRADE NAME, CONTAINS) ST3, CAT. Y		17
有毒液体，易燃的，（8）未另列明的（商品名…，含有…）3型船，Y类 NOXIOUS LIQUID, F, (8) N.O.S. (TRADE NAME, CONTAINS) ST3, CAT. Y		17
有毒液体，不易燃的，（9）未另列明的（商品名…，含有…）3型船，Z类 NOXIOUS LIQUID, NF, (9) N.O.S. (TRADE NAME, CONTAINS) ST3, CAT. Z		17
有毒液体，易燃的，（10）未另列明的（商品名…，含有…）3型船，Z类 NOXIOUS LIQUID, F, (10) N.O.S. (TRADE NAME, CONTAINS) ST3, CAT. Z		17
有毒液体，（11）未另列明的（商品名…含有…）Z类 NOXIOUS LIQUID, (11) N.O.S. (TRADE NAME, CONTAINS) CAT. Z		18
无毒液体，（12）未另列明的（商品名…含有…）OS类 NON NOXIOUS LIQUID, (12) N.O.S. (TRADE NAME, CONTAINS) CAT. OS		18
十八碳-1-醇 Octadecan-1-ol	醇类（C13+） ALCOHOLS (C13+)	17
1-十八碳醇 1-Octadecanol	醇类（C13+） ALCOHOLS (C13+)	17
八甲基环四硅氧烷 OCTAMETHYLCYCLOTETRASILOXANE		17
辛醛（a） Octanal (a)	辛醛 OCTYL ALDEHYDES	17
辛烷（所有异构体）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
OCTANE (ALL ISOMERS)		
辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)		17
辛醇（所有异构体） OCTANOL (ALL ISOMERS)		17
辛-1-醇（a） Octan-1-ol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
辛烯（所有异构体） OCTENE (ALL ISOMERS)		17
辛酸（a） Octic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
辛酸（a） Octoic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
辛酯醋酸盐 Octyl acetate	乙酸正辛酯 N-OCTYL ACETATE	17
乙酸正辛酯 N-OCTYL ACETATE		17
丙烯酸乙基己酯 Octyl acrylate	丙烯酸-2-乙基己酯 2-ETHYLHEXYL ACRYLATE	17
己二酸辛酯 Octyl adipate	二-（2-乙基己基）乙二酸酯 DI-(2-ETHYLHEXYL) ADIPATE	17
辛醇（a） Octyl alcohol (a)	辛醇（所有异构体） OCTANOL (ALL ISOMERS)	17
辛醛 OCTYL ALDEHYDES		17
辛基甲醇 Octylcarbinol	壬醇（所有异构体） NONYL ALCOHOL (ALL ISOMERS)	17
辛基癸基己二酸酯 OCTYL DECYL ADIPATE		17
邻苯二甲酸辛基癸酯（a） Octyl decyl phthalate (a)	二烷基（C7-C13）邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
辛酸（a） Octylic acid (a)	辛酸（所有异构体） OCTANOIC ACID (ALL ISOMERS)	17
正-辛基硫醇 N-OCTYL MERCAPTAN		17
硝酸辛酯 Octyl nitrate	烷基（C7-C9）硝酸酯 ALKYL (C7-C9) NITRATES	17
硝酸辛酯类（所有异构体） Octyl nitrates (all isomers)	烷基（C7-C9）硝酸酯 ALKYL (C7-C9) NITRATES	17
邻苯二甲酸辛酯（a） Octyl phthalate (a)	二烷基（C7-C13）邻苯二甲酸酯 DIALKYL (C7-C13) PHTHALATES	17
庚酸 Oenanthic acid	正庚酸 N-HEPTANOIC ACID	17
庚酸 Oenanthylic acid	正庚酸 N-HEPTANOIC ACID	17
海洋污染散装液体，污染危害（o） OFFSHORE CONTAMINATED BULK LIQUID P (o)		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
海洋污染散装液体, 安全危害 (o) OFFSHORE CONTAMINATED BULK LIQUIDS (o)		17
硝基苯 Oil of Mirbane	硝基苯 NITROBENZENE	17
硝基苯 Oil of Myrbane	硝基苯 NITROBENZENE	17
松节油 Oil of turpentine	松节油 TURPENTINE	17
浓硫酸 Oil of vitriol	硫酸 SULPHURIC ACID	17
冬绿油 Oil of wintergreen	水杨酸甲酯 METHYL SALICYLATE	17
油胺 Oleamine	油酰胺 OLEYLAMINE	17
烯烃烷基酯共聚物 (分子量2000+) OLEFIN-ALKYL ESTER COPOLYMER (MOLECULAR WEIGHT 2000+)		17
烯烃混合物 (C7-C9) 富含C8, 稳定的 OLEFIN MIXTURE (C7-C9) C8 RICH, STABILIZED		17
烯烃混合物 (C5-C7) OLEFIN MIXTURES (C5-C7)		17
烯烃混合物 (C5-C15) OLEFIN MIXTURES (C5-C15)		17
烯烃 (C13+, 所有异构体) OLEFINS (C13+, ALL ISOMERS)		17
α-烯烃混合物 (C6-C18) ALPHA-OLEFINS (C6-C18) MIXTURES		17
油酸 OLEIC ACID		17
发烟硫酸 OLEUM		17
油酰胺 OLEYLAMINE		17
橄榄油 OLIVE OIL		17
橘汁 (浓缩的) ORANGE JUICE (CONCENTRATED)		18
橘汁 (非浓缩的) ORANGE JUICE (NOT CONCENTRATED)		18
磷酸 Orthophosphoric acid	磷酸 PHOSPHORIC ACID	17
草酸盐 Oxal	乙二醛溶液 (40%或以下) GLYOXAL SOLUTION (40% OR LESS)	17
乙二醛 Oxalaldehyde	乙二醛溶液 (40%或以下) GLYOXAL SOLUTION (40% OR LESS)	17
3-氧杂戊-1,5-二醇 3-Oxapentane-1,5-diol	二甘醇 DIETHYLENE GLYCOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,4-噁烷 1,4-Oxazinane	吗啉 MORPHOLINE	17
2-氧杂环丁酮 2-Oxetanone	β -丙内酯 BETA-PROPIOLACTONE	17
含氧乙酸 Oxoacetic acid	二羟基乙酸溶液（50%或以下） GLYOXYLIC ACID SOLUTION (50% OR LESS)	17
含氧乙酸 Oxoethanoic acid	二羟基乙酸溶液（50%或以下） GLYOXYLIC ACID SOLUTION (50% OR LESS)	17
2,2'-氧双（1-氧丙烷） 2,2'-Oxybis(1-chloropropane)	2,2'-二氯异丙醚 2,2'-DICHLOROISOPROPYL ETHER	17
2,2'-氧双（乙烯氧）二乙醇 2,2'-Oxybis(ethyleneoxy)diethanol	四甘醇 TETRAETHYLENE GLYCOL	17
2,2'-氧双丙烷 2,2'-Oxybispropane	异丙醚 ISOPROPYL ETHER	17
2,2'-含氧二乙醇 2,2'-Oxydiethanol	二甘醇 DIETHYLENE GLYCOL	17
1,1'-含氧二丙-2-醇 1,1'-Oxydipropan-2-ol	二丙基二醇 DIPROPYLENE GLYCOL	17
氧化脂族烃混合物 OXYGENATED ALIPHATIC HYDROCARBON MIXTURE		17
甲醛 Oxymethylene	甲醛溶液（45%或以下） FORMALDEHYDE SOLUTIONS (45% OR LESS)	17
棕榈酸油 PALM ACID OIL		17
棕榈脂肪酸馏出物 PALM FATTY ACID DISTILLATE		17
棕榈仁酸油 PALM KERNEL ACID OIL		17
棕榈仁脂肪酸馏出物 PALM KERNEL FATTY ACID DISTILLATE		17
棕榈仁油 PALM KERNEL OIL		17
棕榈仁油酯 PALM KERNEL OLEIN		17
棕榈仁硬脂精 PALM KERNEL STEARIN		17
棕榈中间馏分 PALM MID-FRACTION		17
棕榈油 PALM OIL		17
棕榈油脂肪酸甲酯 PALM OIL FATTY ACID METHYL ESTER		17
棕榈油精 PALM OLEIN		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
棕榈硬脂精 PALM STEARIN		17
石蜡 Paraffin	碳氢蜡 HYDROCARBON WAX	17
C9-C11 正链烷烃 C9-C11 n-Paraffin	正烷烃类 (C9-C11) N-ALKANES (C9-C11)	17
石蜡, 食品级 Paraffin, food grade	石蜡, 高精制的 PARAFFIN WAX, HIGHLY-REFINED	17
正链烷烃 (C9-C11) n-Paraffin (C9-C11)	正烷烃 (C9-C11) N-ALKANES (C9-C11)	17
正-链烷烃 (C10-C20) (a) n-Paraffins (C10-C20) (a)	正烷烃类 (C10 - C20) N-ALKANES (C10-C20)	17
石蜡 Paraffin wax	碳氢蜡 HYDROCARBON WAX	17
石蜡, 化妆品 Paraffin wax, cosmetic	石蜡, 高精制的 PARAFFIN WAX, HIGHLY-REFINED	17
石蜡原料 Paraffin wax feedstock	石蜡, 半精制的 PARAFFIN WAX, SEMI-REFINED	17
石蜡, 高精制的 PARAFFIN WAX, HIGHLY-REFINED		17
石蜡, 半精制的 PARAFFIN WAX, SEMI-REFINED		17
石蜡, 技术性 Paraffin wax, technical	石蜡, 半精制的 PARAFFIN WAX, SEMI-REFINED	17
三聚乙醛 PARALDEHYDE		17
三聚乙醛-氨反应产物 PARALDEHYDE-AMMONIA REACTION PRODUCT		17
矿脂 Petrolatum	碳氢蜡 HYDROCARBON WAX	17
壬酸 Pelargonic acid	壬酸 (所有异构体) NONANOIC ACID (ALL ISOMERS)	17
壬醇 Pelargonic alcohol	壬醇 (所有异构体) NONYL ALCOHOL (ALL ISOMERS)	17
五氯乙烷 PENTACHLOROETHANE		17
.十五烷醇 (a) Pentadecanol (a)	醇类 (C13+) ALCOHOLS (C13+)	17
1-十五烯 1-Pentadecene	烯烃 (C13+, 所有异构体) OLEFINS (C13+, ALL ISOMERS)	17
十五-1-烯 (a) Pentadec-1-ene (a)	烯烃 (C13+, 所有异构体) OLEFINS (C13+, ALL ISOMERS)	17
1,3-戊二烯 1,3-PENTADIENE		17
戊二烯-1,3 Penta-1,3-diene	1,3-戊二烯 1,3-PENTADIENE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,3-戊二烯（大于50%），环戊烯及其异构体混合物 1,3-PENTADIENE (GREATER THAN 50%), CYCLOPENTENE AND ISOMERS, MIXTURES		17
五乙二醇（a） Pentaethylene glycol (a)	聚乙二醇 POLYETHYLENE GLYCOL	17
五亚乙基六甲胺 PENTAETHYLENEHEXAMINE		17
五氯乙烷 Pentalin	五氯乙烷 PENTACHLOROETHANE	17
环戊烷 Pentamethylene	环戊烷 CYCLOPENTANE	17
戊醛 Pentanal	戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)	17
戊烷（a） Pentane (a)	戊烷（所有异构体） PENTANE (ALL ISOMERS)	17
戊烷（所有异构体） PENTANE (ALL ISOMERS)		17
戊二醛溶液，50%或以下 Pentanedial solutions, 50% or less	戊二醛溶液（50%或以下） GLUTARALDEHYDE SOLUTIONS (50% OR LESS)	17
正-戊烷（a） n-Pentane (a)	戊烷（所有异构体） PENTANE (ALL ISOMERS)	17
戊酸 PENTANOIC ACID		17
正戊酸（64%）/2-甲基丁酸（36%）混合物 N-PENTANOIC ACID (64%)/2-METHYL BUTYRIC ACID (36%) MIXTURE		17
特-戊酸 tert-Pentanoic acid	三甲基乙酸 TRIMETHYLACETIC ACID	17
1-戊醇 1-Pentanol	正戊醇 N-AMYL ALCOHOL	17
戊-1-醇 Pentan-1-ol	正戊醇 N-AMYL ALCOHOL	17
2-戊醇 2-Pentanol	仲戊醇 SEC-AMYL ALCOHOL	17
戊-2-醇 Pentan-2-ol	仲戊醇 SEC-AMYL ALCOHOL	17
3-戊醇 3-Pentanol	仲戊醇 SEC-AMYL ALCOHOL	17
戊-3-醇 Pentan-3-ol	仲戊醇 SEC-AMYL ALCOHOL	17
醋酸 1-戊酯（a） 1-Pentanol acetate (a)	乙酸戊酯（所有异构体） AMYL ACETATE (ALL ISOMERS)	17
正-戊醇 n-Pentanol	正戊醇 N-AMYL ALCOHOL	17
仲-戊醇 sec-Pentanol	仲戊醇 SEC-AMYL ALCOHOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
特-戊醇 tert-Pentanol	叔戊醇 TERT-AMYL ALCOHOL	17
2-戊酮 2-Pentanone	甲基丙酮 METHYL PROPYL KETONE	17
戊-2-酮 Pentan-2-one	甲基丙酮 METHYL PROPYL KETONE	17
五钠二亚乙基三胺五乙酸溶液 Pentasodium diethylenetriaminepentaacetate solution	二亚乙基三胺五乙酸, 五钠盐溶液 DIETHYLENETRIAMINEPENTAACETIC ACID, PENTASODIUM SALT SOLUTION	17
戊烯 (所有异构体) PENTENE (ALL ISOMERS)		17
1-戊烯 (a) Pent-1-ene (a)	戊烯 (所有异构体) PENTENE (ALL ISOMERS)	17
正-戊烯 (a) n-Pentene (a)	戊烯 (所有异构体) PENTENE (ALL ISOMERS)	17
戊烯 Pentenes	戊烯 (所有异构体) PENTENE (ALL ISOMERS)	17
乙酸戊酯 (a) Pentyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
仲-乙酸戊酯 (a) sec-Pentyl acetate (a)	乙酸戊酯 (所有异构体) AMYL ACETATE (ALL ISOMERS)	17
戊醇 Pentyl alcohol	正戊醇 N-AMYL ALCOHOL	17
仲-戊醇 sec-Pentyl alcohol	仲戊醇 SEC-AMYL ALCOHOL	17
特-戊醇 tert-Pentyl alcohol	叔戊醇 TERT-AMYL ALCOHOL	17
丙酸正戊酯 Pentyl propanoate	丙酸正戊酯 N-PENTYL PROPIONATE	17
丙酸正戊酯 N-PENTYL PROPIONATE		17
四氯乙烯 PERCHLOROETHYLENE		17
四氯化碳 Perchloromethane	四氯化碳 CARBON TETRACHLORIDE	17
全氢化氮杂 Perhydroazepine	六亚甲基环己二胺 HEXAMETHYLENEIMINE	17
矿脂, 高度精制 Petrolatum, highly-refined	石蜡, 高精制的 PARAFFIN WAX, HIGHLY-REFINED	17
矿脂, 工业级 Petrolatum, industrial grade	石蜡, 半精制的 PARAFFIN WAX, SEMI-REFINED	17
矿脂, USP 级 Petrolatum, USP-grade	石蜡, 高精制的 PARAFFIN WAX, HIGHLY-REFINED	17
矿脂, 技术性 Petroleum jelly, technical	石蜡, 半精制的 PARAFFIN WAX, SEMI-REFINED	17
苯 Phene	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10%	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
	BENZENE OR MORE (I)	
苯酚 Phenic acid	苯酚 PHENOL	17
苯酚 PHENOL		17
2-苯氧基乙醇 2-Phenoxyethanol	乙二醇苯基醚 ETHYLENE GLYCOL PHENYL ETHER	17
磺酸苯基烷基 (C10-C21) 酯 (a) Phenyl alkane(C10-C21)sulphonate (a)	酚的烷基磺酸酯 ALKYL SULPHONIC ACID ESTER OF PHENOL	17
苯胺 Phenylamine	苯胺 ANILINE	17
正-苯基苯胺 N-Phenyl aniline	二苯胺 (熔融的) DIPHENYLAMINE (MOLTEN)	17
正-苯基苯胺 N-Phenylbenzenamine	二苯胺 (熔融的) DIPHENYLAMINE (MOLTEN)	17
1-苯基丁烷 (a) 1-Phenylbutane (a)	丁苯 (所有异构体) BUTYLBENZENE (ALL ISOMERS)	17
2-苯基丁烷 (a) 2-Phenylbutane (a)	丁苯 (所有异构体) BUTYLBENZENE (ALL ISOMERS)	17
苯基甲醇 Phenyl carbinol	苯甲醇 BENZYL ALCOHOL	17
苯基'溶剂剂' Phenyl 'cellosolve'	乙二醇苯基醚 ETHYLENE GLYCOL PHENYL ETHER	17
苯基氯 Phenyl chloride	氯苯 CHLOROBENZENE	17
1-苯基癸烷 (b) 1-Phenyldecane (b)	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
1-苯基十二烷 1-Phenyldodecane	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
苯乙烷 Phenylethane	乙苯 ETHYLBENZENE	17
苯基醚 Phenyl ether	二苯醚 DIPHENYL ETHER	17
苯乙烯 Phenylethylene	苯乙烯单体 STYRENE MONOMER	17
1-苯基乙基二甲苯 1-(Phenylethyl)xylene	1-苯基-1-二甲苯基乙烷 1-PHENYL-1-XYLYL ETHANE	17
氢化苯 Phenyl hydride	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)	17
苯酚 Phenyl hydroxide	苯酚 PHENOL	17
苯酚石炭酸 Phenylic acid	苯酚 PHENOL	17
苯基甲烷 Phenylmethane	甲苯 TOLUENE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
苯基甲醇 Phenylmethanol	苯甲醇 BENZYL ALCOHOL	17
乙酸苯基甲酯 Phenylmethyl acetate	乙酸苯酯 BENZYL ACETATE	17
1-苯丙烷 (a) 1-Phenylpropane (a)	丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)	17
2-苯丙烷 (a) 2-Phenylpropane (a)	丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)	17
2-苯基丙烯 2-Phenylpropene	α -甲基苯乙烯 ALPHA-METHYLSTYRENE	17
1-苯基十四 (碳) 烷 1-Phenyltetradecane	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
1-苯基十三 (碳) 烷 1-Phenyltridecane	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
1- 苯基十一 (碳) 烷 1-Phenylundecane	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
苯基二甲苯基乙烷 Phenylxylylethane	1-苯基-1-二甲苯基乙烷 1-PHENYL-1-XYLYL ETHANE	17
1-苯基-1-二甲苯基乙烷 1-PHENYL-1-XYLYL ETHANE		17
1-苯基-1- (2,5-二甲苯基) 乙烷 (a) 1-Phenyl-1-(2,5-xylyl)ethane (a)	1-苯基-1-二甲苯基乙烷 1-PHENYL-1-XYLYL ETHANE	17
1-苯基-1- (3,4-二甲苯基) 乙烷 (a) 1-Phenyl-1-(3,4-xylyl)ethane (a)	1-苯基-1-二甲苯基乙烷 1-PHENYL-1-XYLYL ETHANE	17
烷基 (C12-C14) 胺磷酸酯 PHOSPHATE ESTERS, ALKYL (C12-C14) AMINE		17
L- α -磷脂酰胆碱 L-alpha-Phosphatidyl choline	卵磷脂 LECITHIN	18
正- (膦酰基甲基) 甘氨酸 N-(phosphonomethyl)glycine	草甘膦溶液 (不含表面活性剂) GLYPHOSATE SOLUTION (NOT CONTAINING SURFACTANT)	17
磷酸 PHOSPHORIC ACID		17
磷, 黄的或白的 (*) PHOSPHORUS, YELLOW OR WHITE (*)		17
邻苯二甲酸酐 (熔融的) Phthalandione (molten)	邻苯二甲酸酐 (熔融的) PHTHALIC ANHYDRIDE (MOLTEN)	17
邻苯二甲酸酐 (熔融的) Phthalic acid anhydride (molten)	邻苯二甲酸酐 (熔融的) PHTHALIC ANHYDRIDE (MOLTEN)	17
邻苯二甲酸双十一烷基酯 Phthalic acid, diundecyl ester	邻苯二甲酸 (二) 十一烷基酯 DIUNDECYL PHTHALATE	17
邻苯二甲酸酐 (熔融的) PHTHALIC ANHYDRIDE (MOLTEN)		17
2-甲基吡啶 2-Picoline	2-甲基吡啶 2-METHYLPYRIDINE	17
3-甲基吡啶 3-Picoline	3-甲基吡啶 3-METHYLPYRIDINE	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
4-甲基吡啶 4-Picoline	4-甲基吡啶 4-METHYLPYRIDINE	17
α -甲基吡啶 alpha-Picoline	2-甲基吡啶 2-METHYLPYRIDINE	17
β -甲基吡啶 beta-Picoline	3-甲基吡啶 3-METHYLPYRIDINE	17
γ -甲基吡啶 gamma-Picoline	4-甲基吡啶 4-METHYLPYRIDINE	17
环己酮 Pimelic ketone	环己酮 CYCLOHEXANONE	17
2-蒎烯 2-Pinene	α -蒎烯 ALPHA-PINENE	17
2(10)-蒎烯 2(10)-Pinene	β -蒎烯 BETA-PINENE	17
α -蒎烯 ALPHA-PINENE		17
β -蒎烯 BETA-PINENE		17
松油 PINE OIL		17
哌嗪，68%溶液 PIPERAZINE, 68% SOLUTION		17
2-哌嗪-1-乙基胺 2-Piperazin-1-ylethylamine	N-氨乙基哌嗪 N-AMINOETHYLPIPERAZINE	17
戊间二烯 Piperylene	1,3-戊二烯 1,3-PENTADIENE	17
戊间二烯胺液（混合） Piperylene concentrates (Mixed)	1,3-戊二烯（大于50%），环戊烯及其异构体混合物 1,3-PENTADIENE (GREATER THAN 50%), CYCLOPENTENE AND ISOMERS, MIXTURES	17
新戊酸 Pivalic acid	三甲基乙酸 TRIMETHYLACETIC ACID	17
聚（乙烷） Poly(oxyethylene)	聚醚（分子量 1350+） POLYETHER (MOLECULAR WEIGHT 1350+)	17
聚（乙氧基乙氧基邻苯二甲酰） Poly(oxyethyleneoxyethyleneoxyphthaloyl)	二甘醇邻苯二甲酸酯 DIETHYLENE GLYCOL PHTHALATE	17
聚（钠烷基酯） Poly(sodium carboxylatoethylene)	聚（4+）丙烯酸钠溶液 SODIUM POLY(4+)ACRYLATE SOLUTIONS	17
聚丙烯酸溶液（40%或以下） POLYACRYLIC ACID SOLUTION (40% OR LESS)		17
二甲苯中的聚烷（C18-C22）丙烯酸酯 POLYALKYL (C18-C22) ACRYLATE IN XYLENE		17
聚烯炔琥珀酰亚胺，硫氧化钼 POLYALKYLALKENAMINESUCCINIMIDE, MOLYBDENUM OXYSULPHIDE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER		17
聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚乙酸酯 POLY(2-8)ALKYLENE GLYCOL MONOALKYL (C1-C6) ETHER ACETATE		17
聚(2-8)亚烷基(C2-C3)甘醇/聚亚烷基(C2-C10) 甘醇单烷基(C1-C4)醚和它们的硼酸盐醚(a) Poly(2-8)alkylene(C2-C3)glycols / Polyalkylene(C2- C10)glycol monoalkyl(C1-C4)ethers and their borate Esters(a)	制动液混合物: 聚(2-8)亚烷基(C2-C3)乙 二醇/聚亚烷基(C2-C10)糖醇单烷基(C1-C4) 醚及其硼酸盐 BRAKE FLUID BASE MIX: POLY(2-8)ALKYLENE(C2-C3) GLYCOLS/POLYALKYLENE(C2-C10) GLYCOLS MONOALKYL(C1-C4)ETHERS AND THEIR BORATE ESTERS	17
聚烷(C10-C20)甲基丙烯酸酯 POLYALKYL(C10-C20)METHACRYLATE		17
聚烷(C10-C18)甲基丙烯酸酯/乙烯-丙烯共聚物混 合物POLYALKYL(C10-C18) METHACRYLATE/ETHYLENE-PROPYLENE COPOLYMER MIXTURE		17
聚氯化铝溶液 POLYALUMINIUM CHLORIDE SOLUTION		17
聚丁烯 POLYBUTENE		17
聚丁烯琥珀酰亚胺 POLYBUTENYL SUCCINIMIDE		17
聚(2+)环芳香族化合物 POLY(2+)CYCLIC AROMATICS		17
聚醚(分子量1350+) POLYETHER(MOLECULAR WEIGHT 1350+)		17
聚乙二醇 POLYETHYLENE GLYCOL		17
聚(4-12)乙二醇烷基苯基(C7-C11)醚 Poly(4-12)ethylene glycol alkyl(C7-C11)phenyl ether	壬基苯酚聚(4+)乙氧醚 NONYLPHENOL POLY(4+)ETHOXYLATE	17
聚乙二醇二甲醚 POLYETHYLENE GLYCOL DIMETHYL ETHER		17
聚(乙二醇)甲基丁烯基醚(分子量>1000) POLY(ETHYLENE GLYCOL) METHYLBUTENYL ETHER(MW>1000)		17
聚乙二醇, 单(对-壬苯基)醚(b) Polyethylene glycols, mono(p-nonylphenyl) ether(b)	烷基聚醚(C9-C20) ALKARYL POLYETHERS(C9-C20)	17
聚[环氧乙烷](分子量1350+)(a) Poly(ethylene oxide)(molecular weight 1350+)(a)	聚醚(分子量1350+) POLYETHER(MOLECULAR WEIGHT 1350+)	17
聚乙烯聚胺 POLYETHYLENE POLYAMINES		
聚乙烯聚胺(含50%以上的C5-C20石蜡) POLYETHYLENE POLYAMINES(MORE THAN		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
50% C5 -C20 PARAFFIN OIL)		
聚硫酸铁溶液 POLYFERRIC SULPHATE SOLUTION		17
聚糖醇 Polyglucitol	氢化淀粉水解液 HYDROGENATED STARCH HYDROLYSATE	18
聚甘油，钠盐溶液（含少于3%氢氧化钠） POLYGLYCERIN, SODIUM SALT SOLUTION (CONTAINING LESS THAN 3% SODIUM HYDROXIDE)		17
聚葡萄糖浆 Polyglycitol syrup	氢化淀粉水解液 HYDROGENATED STARCH HYDROLYSATE	18
聚（亚氨基乙烯）接枝-N-聚（氧化乙烯）溶液（90% 或以下） POLY(IMINOETHYLENE)-GRAFT-N-POLY(ETHY LENEOXY) SOLUTION (90% OR LESS)		17
聚异丁烯胺，在脂肪族（C10-C14）溶剂中 POLYISOBUTENAMINE IN ALIPHATIC (C10-C14) SOLVENT		17
（聚异丁烯）氨基产品，在脂肪烃中 (POLYISOBUTENE) AMINO PRODUCTS IN ALIPHATIC HYDROCARBONS		17
聚异丁烯酐加合物 POLYISOBUTENYL ANHYDRIDE ADDUCT		17
聚（4+）异丁烯（分子量>224） POLY(4+)ISOBUTYLENE (MW>224)		17
聚异丁烯（分子量不超过224） POLYISOBUTYLENE (MW≤224)		17
聚亚甲基聚苯基异氰酸酯 POLYMETHYLENE POLYPHENYL ISOCYANATE		17
聚烯烃（分子量 300+） POLYOLEFIN (MOLECULAR WEIGHT 300+)		17
聚烯烃酰胺烯烃胺（C17+） POLYOLEFIN AMIDE ALKENEAMINE (C17+)		17
聚烯烃酰胺烯烃胺硼酸酯（C28-C250） POLYOLEFIN AMIDE ALKENEAMINE BORATE (C28-C250)		17
聚烯烃胺（C28-C250） POLYOLEFINAMINE (C28-C250)		17
烷基（C2-C4）苯中的聚烯烃胺 POLYOLEFINAMINE IN ALKYL (C2-C4) BENZENES		17
芳香族溶剂中的聚烯烃胺 POLYOLEFINAMINE IN AROMATIC SOLVENT		17
聚烯烃氨基酯盐（分子量2000+） POLYOLEFIN AMINOESTER SALTS (MOLECULAR WEIGHT 2000+)		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
聚烯烃酐 POLYOLEFIN ANHYDRIDE		17
聚烯烃酯 (C28-C250) POLYOLEFIN ESTER (C28-C250)		17
聚烯烃苯酚胺 (C28-C250) POLYOLEFIN PHENOLIC AMINE (C28-C250)		17
聚烯烃硫化磷, 钡衍生物 (C28-C250) POLYOLEFIN PHOSPHOROSULPHIDE, BARIUM DERIVATIVE (C28-C250)		17
聚(氧化乙烯)烯基醚 (分子量>1000) Poly(oxyethylene)alkenyl, ether (MW>1000)	聚(乙二醇)甲基丁烯基醚 (分子量>1000) POLY(ETHYLENE GLYCOL) METHYLBUTENYL ETHER (MW>1000)	17
聚(氧-1,2-乙二基), α -(3-甲基-3-丁烯基)-, ω -羟基- Poly(oxy-1,2-ethanediyl), α -(3-methyl-3-butenyl)-, ω -hydroxy-	聚(乙二醇)甲基丁烯基醚 (分子量>1000) POLY(ETHYLENE GLYCOL) METHYLBUTENYL ETHER (MW>1000)	17
聚(20)氧乙烯脱水山梨(糖)醇单油酸 POLY(20)OXYETHYLENE SORBITAN MONOOLEATE		17
聚(氧化丙烯) (分子量1350+) (a) Poly(oxypropylene) (molecular weight 1350+ (a))	聚醚 (分子量1350+) POLYETHER (MOLECULAR WEIGHT 1350+)	17
聚[(苯基异氰酸酯)-交替-甲醛] (a) poly[(phenyl isocyanate)-alt-formaldehyde] (a)	聚亚甲基聚苯基异氰酸酯 POLYMETHYLENE POLYPHENYL ISOCYANATE	17
聚[(苯基异氰酸酯)-共-甲醛] (a) Poly[(phenyl isocyanate)-co-formaldehyde] (a)	聚亚甲基聚苯基异氰酸酯 POLYMETHYLENE POLYPHENYL ISOCYANATE	17
聚[氧化丙烯] Poly[propene oxide]	聚醚 (分子量1350+) POLYETHER (MOLECULAR WEIGHT 1350+)	17
聚丙烯 Polypropylene	聚(5+)丙烯 POLY(5+)PROPYLENE	17
聚(5+)丙烯 POLY(5+)PROPYLENE		17
聚丙烯二醇 POLYPROPYLENE GLYCOL		17
聚硅氧烷 POLYSILOXANE		17
氯化钾溶液 Potash lye solution	氯化钾溶液 POTASSIUM CHLORIDE SOLUTION	17
氯化钾盐水 (<26%) Potassium chloride brine (<26%)	氯化钾溶液 (26%以下) POTASSIUM CHLORIDE SOLUTION (LESS THAN 26%)	18
氯化钾钻井盐水 Potassium chloride drilling brine	氯化钾溶液 POTASSIUM CHLORIDE SOLUTION	17
氯化钾溶液 POTASSIUM CHLORIDE SOLUTION		17
氯化钾溶液 (26%以下)		18

索引名称 Index Name	货物名称 Product Name	章 Chapter
POTASSIUM CHLORIDE SOLUTION (LESS THAN 26%)		
甲酸钾溶液 (*) POTASSIUM FORMATE SOLUTIONS (*)		17
氢氧化钾溶液 (*) POTASSIUM HYDROXIDE SOLUTION (*)		17
油酸钾 POTASSIUM OLEATE		17
硫代硫酸钾 (50%或以下) POTASSIUM THIOSULPHATE (50% OR LESS)		17
丙醛 Propanal	丙醛 PROPIONALDEHYDE	17
丙-1-胺 Propan-1-amine	正丙胺 N-PROPYLAMINE	17
2-丙胺 2-Propanamine	异丙胺 ISOPROPYLAMINE	17
丙烷-1,2-二醇 Propane-1,2-diol	丙二醇 PROPYLENE GLYCOL	18
1,2-丙烷二醇 1,2-Propanediol	丙二醇 PROPYLENE GLYCOL	18
环碳酸1,2-丙二醇酯 1,2-Propanediol cyclic carbonate	碳酸丙烯 PROPYLENE CARBONATE	17
丙腈 Propanenitrile	丙腈 PROPIONITRILE	17
1,2,3-丙三醇 1,2,3-Propanetriol	甘油 GLYCERINE	17
丙-1,2,3-三醇 Propane-1,2,3-triol	甘油 GLYCERINE	17
三醋酸1,2,3-丙三醇酯 1,2,3-Propanetriol triacetate	甘油三乙酸酯 GLYCERYL TRIACETATE	17
丙酸 Propanoic acid	丙酸 PROPIONIC ACID	17
丙酸酐 Propanoic anhydride	丙酸酐 PROPIONIC ANHYDRIDE	17
丙醇 Propanol	正丙醇 N-PROPYL ALCOHOL	17
1-丙醇 1-Propanol	正丙醇 N-PROPYL ALCOHOL	17
丙-1-醇 Propan-1-ol	正丙醇 N-PROPYL ALCOHOL	17
2-丙醇 2-Propanol	异丙醇 ISOPROPYL ALCOHOL	18
丙-2-醇 Propan-2-ol	异丙醇 ISOPROPYL ALCOHOL	18
正丙醇胺 N-PROPANOLAMINE		17
3-丙醇交酯	β -丙内脂	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
3-Propanolide	BETA-PROPIOLACTONE	
正-丙醇 n-Propanol	正丙醇 N-PROPYL ALCOHOL	17
丙酮 Propanone	丙酮 ACETONE	18
丙-2-酮 Propan-2-one	丙酮 ACETONE	18
2-丙酮 2-Propanone	丙酮 ACETONE	18
丙烯酰胺溶液, 50%或以下 Propenamide solution, 50% or less	丙烯酰胺溶液 (50%或以下) ACRYLAMIDE SOLUTION (50% OR LESS)	17
2-丙烯-1-氨, N,N-二甲基-N-2-丙烯基, 氯化, 均聚物溶液 2-PROPENE-1-AMINIUM, N,N-DIMETHYL-N-2-PROPENYL-, CHLORIDE, HOMOPOLYMER SOLUTION		17
丙烯腈 Propenenitrile	丙烯腈 ACRYLONITRILE	17
环氧丙烷 Propene oxide	1,2-环氧丙烷 PROPYLENE OXIDE	17
丙烯酸 Propenoic acid	丙烯酸 ACRYLIC ACID	17
2-聚丙烯酸,单聚合物溶液 (40% 或以下) 2-Propenoic acid, homopolymer solution (40% or less)	聚丙烯酸溶液 (40%或以下) POLYACRYLIC ACID SOLUTION (40% OR LESS)	17
丙-2-烯-1-醇 Prop-2-en-1-ol	丙烯醇 ALLYL ALCOHOL	17
1-丙烯醇-3 1-Propenol-3	丙烯醇 ALLYL ALCOHOL	17
2-丙烯-1-醇 2-Propen-1-ol	丙烯醇 ALLYL ALCOHOL	17
撑-2-烯-1-醇 Prop-2-en-1-ol	丙烯醇 ALLYL ALCOHOL	17
丙烯醇 Propenyl alcohol	丙烯醇 ALLYL ALCOHOL	17
丙内酯 Propiolactone	β -丙内酯 BETA-PROPIOLACTONE	17
β-丙内酯 BETA-PROPIOLACTONE		17
丙醛 PROPIONALDEHYDE		17
丙酸 PROPIONIC ACID		17
丙醛 Propionic aldehyde	丙醛 PROPIONALDEHYDE	17
丙酸酐 PROPIONIC ANHYDRIDE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
丙腈 PROPIONITRILE		17
β-丙内酯 beta-Propionolactone	β-丙内酯 BETA-PROPIOLACTONE	17
丙腈 Propionitrile	丙腈 PROPIONITRILE	17
氧化丙酰 Propionyl oxide	丙酸酐 PROPIONIC ANHYDRIDE	17
1-丙氧基丙-2-醇 (a) 1-Propoxypropan-2-ol (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
醋酸丙酯 Propyl acetate	正乙酸丙酯 N-PROPYL ACETATE	17
正乙酸丙酯 N-PROPYL ACETATE		17
基丙酮 Propyl acetone	甲基丁基酮 METHYL BUTYL KETONE	17
丙醇 Propyl alcohol	正丙醇 N-PROPYL ALCOHOL	17
2-丙醇 2-Propyl alcohol	异丙醇 ISOPROPYL ALCOHOL	18
正丙醇 N-PROPYL ALCOHOL		17
仲-丙醇 sec-Propyl alcohol	异丙醇 ISOPROPYL ALCOHOL	18
丙醛 Propyl aldehyde	丙醛 PROPIONALDEHYDE	17
丙胺 Propylamine	正丙胺 N-PROPYLAMINE	17
正丙胺 N-PROPYLAMINE		17
丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)		17
正-丙基苯 (a) n-Propylbenzene (a)	丙苯 (所有异构体) PROPYLBENZENE (ALL ISOMERS)	17
丙基甲醇 Propylcarbinol	正-丁醇 N-BUTYL ALCOHOL	18
丙烯醛 Propylene aldehyde	巴豆醛 CROTONALDEHYDE	17
2,2'-[亚丙基双(次氮基甲撑)]二酚 2,2'-[Propylenebis(nitriolomethylene)]diphenol in aromatic solvent	芳烃溶剂中的烷基 (C8-C9) 苯胺 ALKYL (C8-C9) PHENYLAMINE IN AROMATIC SOLVENTS	17
碳酸丙烯 PROPYLENE CARBONATE		17
氯(化)丙烯 Propylene chloride	1,2-二氯丙烷 1,2-DICHLOROPROPANE	17
二氯(化)丙烯	1,2-二氯丙烷	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Propylene dichloride	1,2-DICHLOROPROPANE	
α,α' - (丙烯二次氨基) 二-邻-甲酚 alpha,alpha'- (Propylenedinitrilo)di-o-cresol in aromatic solvent	芳烃溶剂中的烷基 (C8-C9) 苯胺 ALKYL (C8-C9) PHENYLAMINE IN AROMATIC SOLVENTS	17
氧化丙烯 Propylene epoxide	1,2-环氧丙烷 PROPYLENE OXIDE	17
丙二醇 PROPYLENE GLYCOL		18
1,2-丙二醇 1,2-Propylene glycol	丙二醇 PROPYLENE GLYCOL	18
丙二醇正丁醚 (a) Propylene glycol n-butyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇乙基醚 (a) Propylene glycol ethyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇甲基醚 (a) Propylene glycol methyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇甲基醚乙酸酯 PROPYLENE GLYCOL METHYL ETHER ACETATE		17
丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER		17
丙二醇单丁基醚 (a) Propylene glycol monobutyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇单甲基醚 Propylene glycol monomethyl ether	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇单丁基醚 (a) Propylene glycol monometyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇苯基醚 PROPYLENE GLYCOL PHENYL ETHER		17
丙二醇丙基醚 (a) Propylene glycol propyl ether (a)	丙二醇单烷基醚 PROPYLENE GLYCOL MONOALKYL ETHER	17
丙二醇三聚物 Propylene glycol trimer	三聚丙二醇 TRIPROPYLENE GLYCOL	17
1,2-丙二醇三聚物 1,2-Propylene glycol trimer	三聚丙二醇 TRIPROPYLENE GLYCOL	17
1,2-环氧丙烷 PROPYLENE OXIDE		17
四聚丙烯 PROPYLENE TETRAMER		17
三聚丙烯 PROPYLENE TRIMER		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
丙基乙烯 (a) Propylethylene (a)	戊烯 (所有异构体) PENTENE (ALL ISOMERS)	17
丙基甲基酮 Propyl methyl ketone	甲基丙酮 METHYL PROPYL KETONE	17
正-丙基-1-丙胺 N-Propyl-1-propanamine	二正丙胺 DI-N-PROPYLAMINE	17
假丁二醇 Pseudobutylene glycol	丁二醇 BUTYLENE GLYCOL	17
假枯烯 Pseudocumene	三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)	17
假蒎烯 Pseudopinene	β -蒎烯 BETA-PINENE	17
假蒎烯 Psuedopinene	β -蒎烯 BETA-PINENE	17
吡啶气 Pygas	裂解汽油 (含苯) PYROLYSIS GASOLINE (CONTAINING BENZENE)	17
吡啶 PYRIDINE		17
丘木酸 Pyroacetic acid	丙酮 ACETONE	18
丙酮 Pyroacetic ether	丙酮 ACETONE	18
裂解汽油 (含苯) PYROLYSIS GASOLINE (CONTAINING BENZENE)		17
裂解汽油 (蒸汽裂解石脑油) Pyrolysis gasoline (steam-cracked naphtha)	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)	17
裂解汽油, 含 10%或以上苯 Pyrolysis gasoline, containing 10% or more benzene	苯和含苯 10%或以上的混合物 (I) BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE (I)	17
糠醛 Pyromucic aldehyde	糠醛 FURFURAL	17
菜籽油 RAPESEED OIL		17
菜籽油 (低芥酸含4%以下的游离脂肪酸) RAPE SEED OIL(LOW ERUCIC ACID CONTAINING LESS THAN 4%FREE FATTY ACID)		17
菜籽油脂肪酸甲醚 RAPE SEED OIL FATTY ACID METHYL ESTERS		17
精制, 漂白, 除臭葡萄籽油 (RBD) Refined, bleached, deodorized grape seed oil (RBD)	葡萄籽油 GRAPE SEED OIL	17
树脂油, 提炼的 RESIN OIL, DISTILLED		17
米糠油 RICE BRAN OIL		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
松香 ROSIN		17
红花油 SAFFLOWER OIL		17
饱和脂肪酸（13碳及以上）（a） Saturated fatty acid (C13 and above) (a)	脂肪酸（饱和的C13+） FATTY ACID (SATURATED C13+)	17
牛油果油 SHEA BUTTER		17
硅氟酸溶液（20-30%） Silicofluoric acid solution (20-30%)	氟硅酸（20-30%）水溶液 FLUOROSILICIC ACID SOLUTION (20-30%)	17
松蜡 Slack wax	碳氢蜡 HYDROCARBON WAX	17
淤渣硫酸 Sludge acid	硫酸，废液 SULPHURIC ACID, SPENT	17
SME SME	大豆油脂肪酸甲酯 SOYBEAN OIL FATTY ACID METHYL ESTER	17
苏打灰溶液 Soda ash solution	碳酸钠溶液（*） SODIUM CARBONATE SOLUTION (*)	17
氢氧化钠溶液 Soda lye solution	氢氧化钠溶液（*） SODIUM HYDROXIDE SOLUTION (*)	17
乙酸钠溶液 SODIUM ACETATE SOLUTIONS		18
酸式亚硫酸钠（45% 及以下） Sodium acid sulphite solution (45% or less)	亚硫酸氢钠溶液（45%或以下） SODIUM HYDROGEN SULPHITE SOLUTION (45% OR LESS)	17
钠烷基苯磺酸酯溶液 Sodium alkylbenzene sulphonate solution	烷基苯磺酸，钠盐溶液 ALKYLBENZENE SULPHONIC ACID, SODIUM SALT SOLUTION	17
烷基（C14-C17）磺酸钠（60-65%溶液） SODIUM ALKYL (C14-C17) SULPHONATES (60-65% SOLUTION)		17
铝硅酸钠浆液 SODIUM ALUMINOSILICATE SLURRY		17
氨基醋酸钠溶液 Sodium aminoacetate solution	甘氨酸，钠盐溶液 GLYCINE, SODIUM SALT SOLUTION	17
苯甲酸钠 SODIUM BENZOATE		17
1,3-苯并噻唑-2-硫醇钠溶液 Sodium 1,3-benzothiazole-2-thiolate solution	巯基苯并噻唑，钠盐溶液 MERCAPTOTHIAZOL, SODIUM SALT SOLUTION	17
1,3-苯并噻唑-2-基硫化钠溶液 Sodium 1,3-benzothiazol-2-yl sulphide solution	巯基苯并噻唑，钠盐溶液 MERCAPTOTHIAZOL, SODIUM SALT SOLUTION	17
碳酸氢钠溶液（10%以下） SODIUM BICARBONATE SOLUTION (LESS THAN 10%)		18
重铬酸钠（70%或以下）	重铬酸钠溶液（70%或以下）	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Sodium bichromate solution (70% or less)	SODIUM DICHROMATE SOLUTION (70% OR LESS)	
二硫化钠溶液 (45%或以下) Sodium bisulphide solution (45% or less)	硫化氢钠溶液 (45%或以下) (*) SODIUM HYDROSULPHIDE SOLUTION (45% OR LESS) (*)	17
硼氢化钠 (15%或以下) / 氢氧化钠溶液 (*) SODIUM BOROHYDRIDE (15% OR LESS)/SODIUM HYDROXIDE SOLUTION (*)		17
溴化钠溶液 (50%以下) (*) SODIUM BROMIDE SOLUTION (LESS THAN 50%) (*)		17
碳酸钠溶液 (*) SODIUM CARBONATE SOLUTION (*)		17
羧酸钠溶液 Sodium carboxylate solution	环己烷氧化产物, 钠盐溶液 CYCLOHEXANE OXIDATION PRODUCTS, SODIUM SALTS SOLUTION	17
氯酸钠溶液 (50%或以下) (*) SODIUM CHLORATE SOLUTION (50% OR LESS) (*)		17
甲基苯酸钠溶液 Sodium cresylate solution	甲酚酸, 钠盐溶液 CRESYLIC ACID, SODIUM SALT SOLUTION	17
重铬酸钠溶液 (70%或以下) SODIUM DICHROMATE SOLUTION (70% OR LESS)		17
氨基乙酸酯钠溶液 Sodium glycinate solution	甘氨酸, 钠盐溶液 GLYCINE, SODIUM SALT SOLUTION	17
氢氧化钠 Sodium hydrate solution	氢氧化钠溶液 (*) SODIUM HYDROXIDE SOLUTION (*)	17
硫化氢钠 (6%或以下) / 碳酸钠 (3%或以下) 溶液 SODIUM HYDROGEN SULPHIDE (6% OR LESS)/SODIUM CARBONATE (3% OR LESS) SOLUTION		17
硫化氢钠 (45%或以下) Sodium hydrogensulphide solution (45% or less)	硫化氢钠溶液 (45%或以下) (*) SODIUM HYDROSULPHIDE SOLUTION (45% OR LESS) (*)	17
亚硫酸氢钠溶液 (45%或以下) SODIUM HYDROGEN SULPHITE SOLUTION (45% OR LESS)		17
硫化氢钠/硫化铵溶液 (*) SODIUM HYDROSULPHIDE/AMMONIUM SULPHIDE SOLUTION (*)		17
硫化氢钠溶液 (45%或以下) (*) SODIUM HYDROSULPHIDE SOLUTION (45% OR LESS) (*)		17
氢氧化钠溶液 (*) SODIUM HYDROXIDE SOLUTION (*)		17
次氯酸钠溶液 (15%或以下)		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
SODIUM HYPOCHLORITE SOLUTION (15% OR LESS)		
木素硫磺酸钠 Sodium lignosulphonate	木质素磺酸，钠盐溶液 LIGNINSULPHONIC ACID, SODIUM SALT SOLUTION	17
甲醇钠 Sodium methanolate	甲醇中的丙烯酸钠（21-30%） SODIUM METHYLATE 21-30% IN METHYL ALCOHOL	17
甲醇钠 Sodium methoxide	甲醇中的丙烯酸钠（21-30%） SODIUM METHYLATE 21-30% IN METHYL ALCOHOL	17
甲醇中的丙烯酸钠（21-30%） SODIUM METHYLATE 21-30% IN METHYL ALCOHOL		17
甲基氨基甲基二硫代酸钠 Sodium methylcarbamidithioate	变位钠溶液 METAM SODIUM SOLUTION	17
正-甲基二硫代氨基甲酸钠 Sodium N-methyldithiocarbamate	变位钠溶液 METAM SODIUM SOLUTION	17
甲基二硫代氨基甲酸钠 Sodium methyldithiocarbamate solution	变位钠溶液 METAM SODIUM SOLUTION	17
亚硝酸钠溶液 SODIUM NITRITE SOLUTION		17
石油磺酸钠 SODIUM PETROLEUM SULPHONATE		17
聚（4+）丙烯酸钠溶液 SODIUM POLY(4+)ACRYLATE SOLUTIONS		17
硫氰酸钠 Sodium rhodanate solution（56% or less）	硫氰酸钠溶液（56%或以下） SODIUM THIOCYANATE SOLUTION (56% OR LESS)	17
硫化萘甲醛缩合物 Sodium salt of sulphonated naphthalene-formaldehyde condensate	萘磺酸-甲醛共聚物，钠盐溶液 NAPHTHALENESULPHONIC ACID-FORMALDEHYDE COPOLYMER, SODIUM SALT SOLUTION	17
硅酸钠溶液 SODIUM SILICATE SOLUTION		17
硫酸钠溶液 SODIUM SULPHATE SOLUTIONS		17
硫化钠溶液（15%或以下） SODIUM SULPHIDE SOLUTION (15% OR LESS)		17
亚硫酸钠溶液（25%或以下） SODIUM SULPHITE SOLUTION (25% OR LESS)		17
硫氰酸钠（56%或以下） Sodium sulphocyanate solution (56% or less)	硫氰酸钠溶液（56%或以下） SODIUM THIOCYANATE SOLUTION (56% OR LESS)	17
硫氰化钠（56%或以下） Sodium sulphocyanide solution (56% or less)	硫氰酸钠溶液（56%或以下） SODIUM THIOCYANATE SOLUTION (56% OR LESS)	17
四氢硼酸钠（15%或以下）/氢氧化钠溶液	硼氢化钠（15%或以下）/氢氧化钠溶液（*）	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Sodium tetrahydroborate (15% or less) / sodium hydroxide solution	SODIUM BOROHYDRIDE (15% OR LESS)/SODIUM HYDROXIDE SOLUTION (*)	
硫氰酸钠溶液 (56%或以下) SODIUM THIOCYANATE SOLUTION (56% OR LESS)		17
甲苯基钠氧化物 Sodium tolyl oxides solution	甲酚酸, 钠盐溶液 CRESYLIC ACID, SODIUM SALT SOLUTION	17
'D-D土壤熏蒸剂' 'D-D Soil fumigant'	二氯丙烯/二氯丙烷混合物 DICHLOROPROPENE/DICHLOROPROPANE MIXTURES	17
d-山梨糖醇 d-Sorbite solution	山梨醇溶液 SORBITOL SOLUTION	18
山梨醇溶液 SORBITOL SOLUTION		18
d-山梨糖醇 d-Sorbitol solution	山梨醇溶液 SORBITOL SOLUTION	18
大豆油 SOYABEAN OIL		17
大豆甲酯(SME) Soya Methyl Ester (SME)	大豆油脂肪酸甲酯 SOYBEAN OIL FATTY ACID METHYL ESTER	17
大豆油脂肪酸甲酯 SOYBEAN OIL FATTY ACID METHYL ESTER		17
大豆油甲酯 Soybean Oil Methyl Ester	大豆油脂肪酸甲酯 SOYBEAN OIL FATTY ACID METHYL ESTER	17
松节油 Spirit of turpentine	松节油 TURPENTINE	17
酒精 Spirits of wine	乙醇 ETHYL ALCOHOL	18
干洗溶剂 Stoddard solvent	石油溶剂, 低 (15-20%) 芳香烃 WHITE SPIRIT, LOW (15-20%) AROMATIC	17
苯乙烯单体 STYRENE MONOMER		17
苯乙烯 Styrol	苯乙烯单体 STYRENE MONOMER	17
环庚烷 Suberane	环庚烷 CYCLOHEPTANE	17
磺酸链烷 (C10-C21) 苯酯 (a) Sulfonic acid, alkane(C10-C21) phenyl ester (a)	酚的烷基磺酸酯 ALKYL SULPHONIC ACID ESTER OF PHENOL	17
硫烃 (C3-C88) SULPHOHYDROCARBON (C3-C88)		17
环丁砜 SULPHOLANE		17
磺化聚丙烯酸酯溶液		18

索引名称 Index Name	货物名称 Product Name	章 Chapter
SULPHONATED POLYACRYLATE SOLUTION		
硫（熔融的）（*） SULPHUR (MOLTEN) (*)		17
硫酸 SULPHURIC ACID		17
发烟硫酸 Sulphuric acid, fuming	发烟硫酸 OLEUM	17
硫酸，废液 SULPHURIC ACID, SPENT		17
硫氯乙醇 Sulphuric chlorohydrin	氯磺酸 CHLOROSULPHONIC ACID	17
乙醚 Sulphuric ether	二乙醚（*） DIETHYL ETHER (*)	17
硫化脂肪（C14-C20） SULPHURIZED FAT (C14-C20)		17
硫化聚烯烃酰胺烯烃（C28-C250）胺 SULPHURIZED POLYOLEFINAMIDE ALKENE (C28-C250) AMINE		17
葵花籽油 SUNFLOWER SEED OIL		17
甜桦油 Sweet-birch oil	水杨酸甲酯 METHYL SALICYLATE	17
对称-二氯乙烷 sym-Dichloroethane	二氯乙烷 ETHYLENE DICHLORIDE	17
对称-二氯乙醚 sym-Dichloroethyl ether	二氯乙醚 DICHLOROETHYL ETHER	17
对称-二甲基乙二醇 sym-Dimethylethylene glycol	丁二醇 BUTYLENE GLYCOL	17
对称-四氯乙烷 sym-Tetrachloroethane	四氯乙烷 TETRACHLOROETHANE	17
对称-三氧杂环己烷 sym-Trioxane	1,3,5-三噁烷 1,3,5-TRIOXANE	17
妥尔油，粗的 TALL OIL, CRUDE		17
妥尔油，提炼的 TALL OIL, DISTILLED		17
妥尔油脂肪酸（树脂酸 20%以下） TALL OIL FATTY ACID (RESIN ACIDS LESS THAN 20%)		17
妥尔油沥青 TALL OIL PITCH		17
动物脂 TALLOW		17
动物脂肪酸 TALLOW FATTY ACID		17
焦油酸 Tar acids (cresols)	甲酚（所有异构体） CRESOLS (ALL ISOMERS)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
萘 Tar camphor	萘（熔融的） NAPHTHALENE (MOLTEN)	17
松节油酸二丁基酯 Terephthalic acid, dibutyl ester	对苯二甲酸二丁酯 DIBUTYL TEREPHTHALATE	17
3,6,9,12-四氮杂四癸二胺 3,6,9,12-Tetraazatetradecamethylenediamine	五亚乙基六甲胺 PENTAETHYLENEHEXAMINE	17
3,6,9,12-四氮杂四癸-1,14-二胺 3,6,9,12-Tetraazatetradecane-1,14-diamine	五亚乙基六甲胺 PENTAETHYLENEHEXAMINE	17
1,3,5,7-四氮杂三环 [3.3.1.1 ^{3,7}]-癸烷 1,3,5,7-Tetraazatricyclo[3.3.1.1 ^{3,7}]-decane	乌洛托品溶液 HEXAMETHYLENETETRAMINE SOLUTIONS	17
四氯乙烷 TETRACHLOROETHANE		17
1,1,2,2-四氯乙烷 1,1,2,2-Tetrachloroethane	四氯乙烷 TETRACHLOROETHANE	17
四氯乙烯 Tetrachloroethylene	四氯乙烯 PERCHLOROETHYLENE	17
1,1,2,2-四氯乙烯 1,1,2,2-tetrachloroethylene	四氯乙烯 PERCHLOROETHYLENE	17
四氯化碳 Tetrachloromethane	四氯化碳 CARBON TETRACHLORIDE	17
十四-1-醇 Tetradecan-1-ol	醇类（C14-C18），伯，直链和主要直链 ALCOHOLS (C14-C18), PRIMARY, LINEAR AND ESSENTIALLY LINEAR	17
1-十四醇 1-Tetradecanol	醇类（C14-C18），伯，直链和主要直链 ALCOHOLS (C14-C18), PRIMARY, LINEAR AND ESSENTIALLY LINEAR	17
十四烯（a） Tetradecene (a)	烯烃（C13+，所有异构体） OLEFINS (C13+, ALL ISOMERS)	17
十四烷基苯 Tetradecylbenzene	烷基（C9+）苯 ALKYL (C9+) BENZENES	17
四甘醇 TETRAETHYLENE GLYCOL		17
四亚乙基五胺 TETRAETHYLENE PENTAMINE		17
四乙基铅 Tetraethyllead	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYL)	17
四乙基铅 Tetraethylplumbane	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYL)	17
四乙基硅酸单体/低聚物（20%在乙醇中） TETRAETHYL SILICATE MONOMER/OLIGOMER (20% IN ETHANOL)		18
3a,4,7,7a-四氢化-3,5-二甲基-4,7-甲基-1H-茛 3a,4,7,7a-Tetrahydro-3,5-dimethyl-4,7-methano-1H-indene	甲基环戊二烯二聚物 METHYLCYCLOPENTADIENE DIMER	17
四氢呋喃		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
TETRAHYDROFURAN		
四氢化萘 TETRAHYDRONAPHTHALENE		17
1,2,3,4-四氢化萘 1,2,3,4-Tetrahydronaphthalene	四氢化萘 TETRAHYDRONAPHTHALENE	17
四氢化-1,4-噁嗪 Tetrahydro-1,4-oxazine	吗啉 MORPHOLINE	17
2H-四氢化-1,4-噁嗪 2H-Tetrahydro-1,4-oxazine	吗啉 MORPHOLINE	17
四氢化-2H-1,4-噁嗪 Tetrahydro-2H-1,4-oxazine	吗啉 MORPHOLINE	17
四氢化噻吩-1-二氧化物 Tetrahydrothiophene-1-dioxide	环丁砜 SULPHOLANE	17
四氢化噻吩1,1-二氧化物 Tetrahydrothiophene 1,1-dioxide	环丁砜 SULPHOLANE	17
四氢化萘 Tetralin	四氢化萘 TETRAHYDRONAPHTHALENE	17
四甲苯（所有异构体） TETRAMETHYLBENZENE (ALL ISOMERS)		17
1,2,3,4-四甲基苯（a） 1,2,3,4-Tetramethylbenzene (a)	四甲苯（所有异构体） TETRAMETHYLBENZENE (ALL ISOMERS)	17
1,2,3,5-四甲基苯（a） 1,2,3,5-Tetramethylbenzene (a)	四甲苯（所有异构体） TETRAMETHYLBENZENE (ALL ISOMERS)	17
1,2,4,5-四甲基苯（a） 1,2,4,5-Tetramethylbenzene (a)	四甲苯（所有异构体） TETRAMETHYLBENZENE (ALL ISOMERS)	17
四亚甲基氰化物 Tetramethylene cyanide	己二腈 ADIPONITRILE	17
四亚甲基二氰化物 Tetramethylene dicyanide	己二腈 ADIPONITRILE	17
四甲撑二醇（a） Tetramethylene glycol (a)	丁二醇 BUTYLENE GLYCOL	17
四氢呋喃 Tetramethylene oxide	四氢呋喃 TETRAHYDROFURAN	17
四亚甲基砜 Tetramethylenesulphone	环丁砜 SULPHOLANE	17
四甲基铅 Tetramethyllead	内燃机燃料抗爆化合物（含烷基铅） MOTOR FUEL ANTI-KNOCK COMPOUND (CONTAINING LEAD ALKYLs)	17
四丙苯 Tetrapropylbenzene	烷基（C9+）苯 ALKYL (C9+) BENZENES	17
四丙烯基苯 Tetrapropylenebenzene	十二烷基苯 DODECYLBENZENE	17
异丁酯甲酸 Tetryl formate	甲酸异丁酯 ISOBUTYL FORMATE	17
4-硫代戊醛 4-thiapentanal	3-（甲硫基）丙醛 3-(METHYLTHIO)PROPIONALDEHYDE	17
噻吩砜	环丁砜	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
Thiophan sulphone	SULPHOLANE	
硫代硫酸二钾（50%及以下） Thiosulphuric acid, dipotassium salt (50% or less)	硫代硫酸钾（50%及以下） POTASSIUM THIOSULPHATE (50% OR LESS)	17
氧化钛（IV） Titanium(IV) oxide slurry	二氧化钛泥浆 TITANIUM DIOXIDE SLURRY	17
二氧化钛泥浆 TITANIUM DIOXIDE SLURRY		17
甲苯 TOLUENE		17
甲苯二胺 TOLUENEDIAMINE		17
2,4-甲苯二胺（a） 2,4-Toluenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
2,6-甲苯二胺（a） 2,6-Toluenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
甲苯二异氰酸酯 TOLUENE DIISOCYANATE		17
2-甲苯胺 2-Toluidine	邻甲苯胺 O-TOLUIDINE	17
邻甲苯胺 O-TOLUIDINE		17
甲苯 Toluol	甲苯 TOLUENE	17
邻-甲苯胺 o-Tolylamine	邻甲苯胺 O-TOLUIDINE	17
2,4-甲苯二胺（a） 2,4-Tolylenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
2,6-甲苯二胺（a） 2,6-Tolylenediamine (a)	甲苯二胺 TOLUENEDIAMINE	17
甲苯二异氰酸酯 Tolylenediisocyanate	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
间-甲苯二异氰酸酯 m-Tolylene diisocyanate	甲苯二异氰酸酯 TOLUENE DIISOCYANATE	17
马来酐 Toxic anhydride	顺丁烯二酐 MALEIC ANHYDRIDE	17
糖浆（a） Treacle (a)	糖蜜 MOLASSES	18
三醋精 Triacetin	乙二醛溶液（40%及以下） GLYOXAL SOLUTION (40% OR LESS)	17
3,6,9-三氮杂十一甲撑二胺 3,6,9-Triazaundecamethylenediamine	四亚乙基五胺 TETRAETHYLENE PENTAMINE	17
3,6,9-三氮杂十一烷基-1,11-二（元）胺 3,6,9-Triazaundecane-1,11-diamine	四亚乙基五胺 TETRAETHYLENE PENTAMINE	17
磷酸三丁酯 TRIBUTYL PHOSPHATE		17
1,2,3-三氯苯（熔融的）		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
1,2,3-TRICHLOROBENZENE (MOLTEN)		
1,2,4-三氯苯 1,2,4-TRICHLOROBENZENE		17
1,1,1-三氯乙烷 1,1,1-TRICHLOROETHANE		17
1,1,2-三氯乙烷 1,1,2-TRICHLOROETHANE		17
β -三氯乙烷 beta-Trichloroethane	1,1,2-三氯乙烷 1,1,2-TRICHLOROETHANE	17
三氯乙烯 Trichloroethene	三氯乙烯 TRICHLOROETHYLENE	17
三氯乙烯 TRICHLOROETHYLENE		17
三氯甲烷 Trichloromethane	氯仿 CHLOROFORM	17
1,2,3-三氯丙烷 1,2,3-TRICHLOROPROPANE		17
1,1,2-三氯-1,2,2-三氟乙烷 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		17
磷酸三甲苯酯（含有1%或以上正异构体） TRICRESYL PHOSPHATE (CONTAINING 1% OR MORE ORTHO-ISOMER)		17
磷酸三甲苯酯（含有1%以下正异构体） TRICRESYL PHOSPHATE (CONTAINING LESS THAN 1% ORTHO-ISOMER)		17
十三烷 TRIDECANE		17
十三酸 TRIDECANOIC ACID		17
十三醇（a） Tridecanol (a)	醇类（C13+） ALCOHOLS (C13+)	17
十三烯（a） Tridecene (a)	烯烃（C13+，所有异构体） OLEFINS (C13+, ALL ISOMERS)	17
十三烷酸 Tridecoic acid	十三酸 TRIDECANOIC ACID	17
十三烷基乙酸酯 TRIDECYL ACETATE		17
十三醇（a） Tridecyl alcohol (a)	醇类（C13+） ALCOHOLS (C13+)	17
十三烷基苯 Tridecylbenzene	烷基（C9+）苯 ALKYL (C9+) BENZENES	17
十三烷酸（a） Tridecylic acid (a)	脂肪酸（饱和的C13+） FATTY ACID (SATURATED C13+)	17
磷酸三（二甲基苯基）酯（所有异构体） Tri(dimethylphenyl) phosphate (all isomers)	磷酸三二甲苯酯 TRIXYLYL PHOSPHATE	17
三乙醇胺 TRIETHANOLAMINE		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
三乙胺 TRIETHYLAMINE		17
三乙基苯 TRIETHYLBENZENE		17
三乙二醇 TRIETHYLENE GLYCOL		18
三乙二醇丁醚 (a) Triethylene glycol butyl ether (a)	聚(2-8)亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
三乙二醇乙醚 (a) Triethylene glycol ethyl ether (a)	聚(2-8)亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
三乙二醇甲醚 (a) Triethylene glycol methyl ether (a)	聚(2-8)亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
三乙二醇单丁醚 (a) Triethylene glycol monobutyl ether (a)	聚(2-8)亚烷基乙二醇单烷基 (C1-C6) 醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
三亚乙基四胺 TRIETHYLENETETRAMINE		17
磷酸三乙酯 TRIETHYL PHOSPHATE		17
亚磷酸三乙酯 TRIETHYL PHOSPHITE		17
三聚甲醛 Triformol	1,3,5-三噁烷 1,3,5-TRIOXANE	17
三甘醇 Triglycol	三乙二醇 TRIETHYLENE GLYCOL	18
三羟基丙烷 Trihydroxypropane	甘油 GLYCERINE	17
三羟基三乙胺 Trihydroxytriethylamine	三乙醇胺 TRIETHANOLAMINE	17
三异丙醇胺 TRISOPROPANOLAMINE		17
三异丙基磷酸苯酯 TRISOPROPYLATED PHENYL PHOSPHATES		17
三甲基乙酸 TRIMETHYLACETIC ACID		17
三甲胺溶液 (30%或以下) TRIMETHYLAMINE SOLUTION (30% OR LESS)		17
三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)		17
1,2,3-三甲基苯 (a) 1,2,3-Trimethylbenzene (a)	三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)	17
1,2,4-三甲基苯 (a) 1,2,4-Trimethylbenzene (a)	三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)	17
1,3,5-三甲基苯 (a) 1,3,5-Trimethylbenzene (a)	三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2,6,6-三甲基双环[3.1.1]庚-2-烯 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	α -蒎烯 ALPHA-PINENE	17
三甲基甲醇 Trimethylcarbinol	叔丁醇 TERT-BUTYL ALCOHOL	17
1,1,3-三甲基-3-环己烯-5-酮 1,1,3-Trimethyl-3-cyclohexene-5-one	异佛尔酮 ISOPHORONE	17
3,3,5-三甲基环己-2-烯酮 3,5,5-Trimethylcyclohex-2-enone	异佛尔酮 ISOPHORONE	17
3,5,5-三甲基环己-2-烯-酮 3,5,5-Trimethylcyclohex-2-en-one	异佛尔酮 ISOPHORONE	17
三羟甲基丙烷丙氧基化物 TRIMETHYLOL PROPANE PROPOXYLATED		17
2,2,4-三甲基戊烷 (a) 2,2,4-Trimethylpentane (a)	辛烷 (所有异构体) OCTANE (ALL ISOMERS)	17
2,2,4-三甲基-1,3-戊二醇二异丁酸酯 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE		17
二异丁酸2,2,4-三甲基戊烷-1,3-二醇酯 2,2,4-Trimethylpentane-1,3-diol diisobutyrate	2,2,4-三甲基-1,3-戊二醇二异丁酸酯 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE	17
2,2,4-三甲基-1,3-戊二醇-1-异丁酸酯 2,2,4-TRIMETHYL-1,3-PENTANEDIOL-1-ISOBUTY RATE		17
2,4,4-三甲基戊烯-1 2,4,4-Trimethylpentene-1	二异丁烯 DIISOBUTYLENE	17
2,4,4-三甲基戊-1-烯 2,4,4-Trimethylpent-1-ene	二异丁烯 DIISOBUTYLENE	17
2,4,4-三甲基戊烯-2 2,4,4-Trimethylpentene-2	二异丁烯 DIISOBUTYLENE	17
2,4,4-三甲基戊-2-烯 2,4,4-Trimethylpent-2-ene	二异丁烯 DIISOBUTYLENE	17
2,4,6-三甲基-1,3,5-三氧杂环己烷 2,4,6-Trimethyl-1,3,5-trioxane	三聚乙醛 PARALDEHYDE	17
2,4,6-三甲基-仲-三氧杂环己烷 2,4,6-Trimethyl-s-trioxane	三聚乙醛 PARALDEHYDE	17
三氧杂环己烷 Trioxan	1,3,5-三噁烷 1,3,5-TRIOXANE	17
1,3,5-三噁烷 1,3,5-TRIOXANE		17
5,8,11-三氧五癸烷 5,8,11-Trioxapentadecane	二甘醇二丁基醚 DIETHYLENE GLYCOL DIBUTYL ETHER	17
3,6,9-三噁十一(碳)烷 3,6,9-Trioxaundecane	二甘醇二乙基醚 DIETHYLENE GLYCOL DIETHYL ETHER	17
三聚甲醛 Trioxymethylene	1,3,5-三噁烷 1,3,5-TRIOXANE	17
三聚丙烯 Tripropylene	三聚丙烯 PROPYLENE TRIMER	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
三聚丙烯二醇 TRIPROPYLENE GLYCOL		17
三聚丙烯二醇甲醚 (a) Tripropylene glycol methyl ether (a)	聚(2-8)亚烷基乙二醇单烷基(C1-C6)醚 POLY(2-8)ALKYLENE GLYCOL MONOALKYL(C1-C6) ETHER	17
磷酸三(二甲基苯基)酯(所有异构体) Tris(dimethylphenyl) phosphate (all isomers)	磷酸三二甲苯酯 TRIXYLYL PHOSPHATE	17
三(2-羟基乙基)胺 Tris(2-hydroxyethyl)amine	三乙醇胺 TRIETHANOLAMINE	17
2,4-D-三(2-羟基-2-甲基乙基)胺 2,4-D-tris(2-hydroxy-2-methylethyl)ammonium	2,4-二氯苯氧乙酸, 三异丙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, TRIISOPROPANOLAMINE SALT SOLUTION	17
三(2-羟基丙基)胺 Tris(2-hydroxypropyl)amine	三异丙醇胺 TRIISOPROPANOLAMINE	17
三(2-羟基-1-丙基)胺 Tris(2-hydroxy-1-propyl)amine	三异丙醇胺 TRIISOPROPANOLAMINE	17
三(2-羟基-2-甲基乙基)胺 2,4-二氯苯氧乙酸溶液 Tris(2-hydroxypropyl)ammonium 2,4- dichlorophenoxyacetate solution	2,4-二氯苯氧乙酸, 三异丙醇胺盐溶液 2,4-DICHLOROPHENOXYACETIC ACID, TRIISOPROPANOLAMINE SALT SOLUTION	17
2-[羧甲化甲基(2-羟乙基)胺]乙二胺二(醋酸)三钠 溶液 Trisodium 2-[carboxylatomethyl(2-hydroxyethyl)amino]ethyliminodi (acetate) solution	正-(羟乙基)乙二胺三乙酸, 三钠盐溶液 N-(HYDROXYETHYL)ETHYLENEDIAMINE TRIACETIC ACID, TRISODIUM SALT SOLUTION	17
N-(羧甲基)-N'-(2-羟基乙基)-N,N'-乙烯二甘氨酸三 钠溶液 Trisodium N-(carboxymethyl)-N'-(2-hydroxyethyl)-N, N'-ethylenediglycine solution	正-(羟乙基)乙二胺三乙酸, 三钠盐溶液 N-(HYDROXYETHYL)ETHYLENEDIAMINE TRIACETIC ACID, TRISODIUM SALT SOLUTION	17
N-(2-羟基乙基)乙二胺-N,N',N'-三醋酸酯三钠溶液 Trisodium N-(2-hydroxyethyl)ethylenediamine-N,N',N'-triacetate solution	正-(羟乙基)乙二胺三乙酸, 三钠盐溶液 N-(HYDROXYETHYL)ETHYLENEDIAMINE TRIACETIC ACID, TRISODIUM SALT SOLUTION	17
次氨基三乙酸酯三钠溶液 Trisodium nitrilotriacetate solution	次氨基三乙酸, 三钠盐溶液 NITRILOTRIACETIC ACID, TRISODIUM SALT SOLUTION	17
磷酸三甲苯酯, 含小于1%邻位异体 Tritolyl phosphate, containing less than 1% ortho- isomer	磷酸三甲苯酯(含有1%以下正异构体) TRICRESYL PHOSPHATE (CONTAINING LESS THAN 1% ORTHO-ISOMER)	17
磷酸三甲苯酯, 含1%或以上邻位异体 Tritolyl phosphate, containing 1% or more ortho- isomer	磷酸三甲苯酯(含有1%或以上正异构体) TRICRESYL PHOSPHATE (CONTAINING 1% OR MORE ORTHO-ISOMER)	17
磷酸三二甲苯酯 Trixylenyl phosphate	磷酸三二甲苯酯 TRIXYLYL PHOSPHATE	17
磷酸三二甲苯酯 TRIXYLYL PHOSPHATE		17
桐油		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
TUNG OIL		
松节油 TURPENTINE		17
松节油 Turpentine oil	松节油 TURPENTINE	17
松节油 Turps	松节油 TURPENTINE	17
A 型沸石泥浆 (a) Type A Zeolite slurry (a)	铝硅酸钠浆液 SODIUM ALUMINOSILICATE SLURRY	17
1-十一 (碳) 烷酸 1-Undecanecarboxylic acid	十二烷酸 LAURIC ACID	17
正-十一烷 (a) N-Undecane (a)	正烷烃类 (C10 - C20) N-ALKANES (C10-C20)	17
十一烷酸 UNDECANOIC ACID		17
十一-1-醇 Undecan-1-ol	十一醇 UNDECYL ALCOHOL	17
1-十一烷烯 1-UNDECENE		17
十一碳-1-烯 Undec-1-ene	1-十一烷烯 1-UNDECENE	17
十一醇 UNDECYL ALCOHOL		17
十一烷基苯 Undecylbenzene	烷基 (C9+) 苯 ALKYL (C9+) BENZENES	17
十一烷酸 Undecylic acid	十一烷酸 UNDECANOIC ACID	17
正-十一烷酸 n-Undecylic acid	十一烷酸 UNDECANOIC ACID	17
不对称-三甲基苯 (a) uns-Trimethylbenzene (a)	三甲苯 (所有异构体) TRIMETHYLBENZENE (ALL ISOMERS)	17
1,2,4-三家苯 Unsym-Trimethylbenzene	1,2,4-三氯苯 1,2,4-TRICHLOROBENZENE	17
尿素/硝酸铵溶液 UREA/AMMONIUM NITRATE SOLUTION		17
尿素/磷酸铵溶液 UREA/AMMONIUM PHOSPHATE SOLUTION		17
尿素溶液 UREA SOLUTION		17
餐厨废油 (M) USED COOKING OIL (M)		17
餐厨废油 (甘油三酯, C16-C18 和 C18 非饱和的) (M) (N) USED COOKING OIL (TRIGLYCERIDES, C16-C18 AND C18 UNSATURATED) (M) (N)		17
戊醛 Valeral	戊醛 (所有异构体) VALERALDEHYDE (ALL ISOMERS)	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)		17
正-戊醛 n-Valeraldehyde	戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)	17
戊酸 Valerianic acid	戊酸 PENTANOIC ACID	17
戊酸 Valeric acid	戊酸 PENTANOIC ACID	17
正-戊酸 n-Valeric acid	戊酸 PENTANOIC ACID	17
戊醛 Valeric aldehyde	戊醛（所有异构体） VALERALDEHYDE (ALL ISOMERS)	17
二异丁基酮 Valerone	二异丁基甲酮 DIISOBUTYL KETONE	17
植物油（M） VEGETABLE ACID OILS (M)		17
植物脂肪酸馏出物（M） VEGETABLE FATTY ACID DISTILLATES (M)		17
植物油混合物，含有少于15%的游离脂肪酸（M） VEGETABLE OIL MIXTURES, CONTAINING LESS THAN 15% FREE FATTY ACID (M)		17
植物蛋白溶液（水解） VEGETABLE PROTEIN SOLUTION (HYDROLYSED)		18
醋酸 Vinegar acid	乙酸 ACETIC ACID	17
醋酸乙酯 Vinegar naphtha	乙酸乙酯 ETHYL ACETATE	17
乙烯乙酸 VINYL ACETATE		17
苯乙烯 Vinylbenzene	苯乙烯单体 STYRENE MONOMER	17
丙烯醇 Vinylcarbinol	丙烯醇 ALLYL ALCOHOL	17
丙烯腈 Vinyl cyanide	丙烯腈 ACRYLONITRILE	17
醋酸乙烯酯 vinyl ethanoate	乙烯乙酸 VINYL ACETATE	17
乙烯基乙醚 VINYL ETHYL ETHER		17
丙烯酸 Vinylformic acid	丙烯酸 ACRYLIC ACID	17
二氯乙烯 VINYLDENE CHLORIDE		17
新癸酸乙烯酯 VINYL NEODECANOATE		17
乙烯基甲苯		17

索引名称 Index Name	货物名称 Product Name	章 Chapter
VINYLTOLUENE		
乙烯基甲苯（所有异构体） Vinyltoluene (all isomers)	乙烯基甲苯 VINYLTOLUENE	17
乙烯基三氯 Vinyl trichloride	1,1,2-三氯乙烷 1,1,2-TRICHLOROETHANE	17
棕色油硫酸 Vitriol brown oil	发烟硫酸 OLEUM	17
水 WATER		18
水玻璃溶液 Water glass solutions	硅酸钠溶液 SODIUM SILICATE SOLUTION	17
白陶土 White bole	高岭土浆 KAOLIN SLURRY	18
白腐蚀剂溶液 White caustic solution	氢氧化钠溶液（*） SODIUM HYDROXIDE SOLUTION（*）	17
石油溶剂，低（15-20%）芳香烃 WHITE SPIRIT, LOW (15-20%) AROMATIC		17
白焦油 White tar	萘（熔融的） NAPHTHALENE (MOLTEN)	17
葡萄酒（a） Wine (a)	酒精饮料，未另列明的 ALCOHOLIC BEVERAGES, N.O.S.	18
冬青油 Wintergreen oil	水杨酸甲酯 METHYL SALICYLATE	17
甲醇 Wood alcohol	甲醇（*） METHYL ALCOHOL（*）	17
含乙酸钠/草酸钠的木质素 WOOD LIGNIN WITH SODIUM ACETATE/OXALATE		17
粗木精 Wood naphtha	甲醇（*） METHYL ALCOHOL（*）	17
甲醇 Wood spirit	甲醇（*） METHYL ALCOHOL（*）	17
二甲苯 XYLENES		17
二甲苯/乙基苯（10%或以上）混合物 XYLENES/ETHYLBENZENE (10% OR MORE) MIXTURE		17
二甲苯酚 XYLENOL		17
二甲酚（所有异构体） Xylenol (all isomers)	二甲苯酚 XYLENOL	17
2,3-二甲苯酚（a） 2,3-Xylenol (a)	二甲苯酚 XYLENOL	17
2,4-二甲苯酚（a） 2,4-Xylenol (a)	二甲苯酚 XYLENOL	17
2,5-二甲苯酚（a） 2,5-Xylenol (a)	二甲苯酚 XYLENOL	17

索引名称 Index Name	货物名称 Product Name	章 Chapter
2,6-二甲苯酚 (a) 2,6-Xylenol (a)	二甲苯酚 XYLENOL	17
3,4-二甲苯酚 (a) 3,4-Xylenol (a)	二甲苯酚 XYLENOL	17
3,5-二甲苯酚 (a) 3,5-Xylenol (a)	二甲苯酚 XYLENOL	17
二甲苯 Xylols	二甲苯 XYLENES	17
烷芳基二硫代磷酸锌 (C7-C16) ZINC ALKARYL DITHIOPHOSPHATE (C7-C16)		17
烷基碳酰胺锌 ZINC ALKENYL CARBOXAMIDE		17
烷基二硫代磷酸锌 (C3-C14) ZINC ALKYL DITHIOPHOSPHATE (C3-C14)		17
溴化锌钻井液 Zinc bromide drilling brine	钻井液 (含有氯化锌) DRILLING BRINES (CONTAINING ZINC CHLORIDE)	17
顺-十八-9-烯胺 z-Octadec-9-enamine	油酰胺 OLEYLAMINE	17
(顺)-十八碳-9-烯酸 (Z)-Octadec-9-enoic acid	油酸 OLEIC ACID	17
顺-十八碳-9-烯酸 Z-Octadec-9-enoic acid	油酸 OLEIC ACID	17
(顺)-十八-9-烯炔胺 (Z)-Octadec-9-enylamine	油酰胺 OLEYLAMINE	17

Chapter 21 Criteria for Assigning Carriage Requirements for Products Subject to the IBC Code

The complete text of chapter 21 is replaced by the following:

21.1 Introduction

21.1.1 The following criteria are used for the determination of pollution classification and assignment of appropriate carriage requirements for bulk liquid cargoes being assessed for entry into the IBC Code or lists 1, 3 or 4 of the MEPC.2/Circular.

21.1.2 In developing such criteria, every effort has been made to follow the criteria and cut-off points developed under the Globally Harmonized System (GHS).

21.1.3 Although the criteria are intended to be closely defined in order to establish a uniform approach, it must be emphasized that where human experience or other factors indicate the need for alternative arrangements, these shall always be taken into account. Where deviations from the criteria have been recognized, they shall be properly recorded with justifications.

21.2 Contents

21.2.1 This chapter contains the following:

- .1 minimum safety and pollution criteria for products subject to chapter 17 of the IBC Code;
- .2 criteria used to assign the minimum carriage requirements for products that meet the safety or pollution criteria to make them subject to chapter 17 of the IBC Code;
- .3 criteria used for determining special requirements in chapter 15 of the IBC Code to be included in column o of chapter 17 of the IBC Code;
- .4 criteria used for determining special requirements in chapter 16 of the IBC Code to be included in column o of chapter 17 of the IBC Code;
- .5 definitions of properties used within this chapter;
- .6 information on the use of the GESAMP Hazard Ratings; and
- .7 information on the application of the SVC/LC50 ratio method.

21.2.2 The information included in parentheses following the classification criteria throughout this chapter refers to the GESAMP Hazard Profile ratings set out in appendix I of MARPOL Annex II under the "Abbreviated legend to the revised GESAMP Hazard Evaluation procedure". The full listing of GESAMP Hazard Profile ratings for evaluated substances are published annually in the GESAMP Composite List as a PPR circular. It should be noted that ratings in parentheses (based on estimation methods applied by GESAMP) are considered as equivalent to ratings without parentheses for the purpose of assigning carriage

21.3 Minimum safety and pollution criteria for products subject to chapter 17 of the IBC Code

21.3.1 Products are deemed to be hazardous and subject to chapter 17 of the IBC Code if they meet one or more of the following criteria:

- .1 inhalation $LC_{50}/ATE \leq 20$ mg/L/4h (see paragraph 21.7.1.3) (C3 = 1, 2, 3 or 4);
- .2 dermal $LD_{50}/ATE \leq 2000$ mg/kg (see paragraph 21.7.1.2) (C2 = 1, 2, 3, or 4);
- .3 oral $LD_{50}/ATE \leq 2000$ mg/kg (see paragraph 21.7.1.1) (C1 = 1, 2, 3, or 4);
- .4 toxic to mammals by prolonged exposure (see paragraph 21.7.2) (D3 = C, M, R, N, T, or I);
- .5 cause skin sensitization (see paragraph 21.7.3) (D3 = Ss);
- .6 cause respiratory sensitization (see paragraph 21.7.4) (D3 = Sr);
- .7 corrosive to skin (see paragraph 21.7.5) (D1 = 3, 3A, 3B, or 3C);
- .8 with a Water Reactive Index (WRI) of ≥ 1 (see paragraph 21.7.6);
- .9 require inertion, inhibition, stabilization, temperature control or tank environmental control in order to prevent a hazardous reaction (see definitions in paragraph 21.7.10);
- .10 flashpoint $< 23^{\circ}C$; and have an explosive/flammability range (expressed as a percentage by volume in air) of $\geq 20\%$;
- .11 auto-ignition temperature of $\leq 200^{\circ}C$; and
- .12 classified as pollution category X or Y or meeting the criteria for rules 11 to 13 in table

2 in paragraph 21.4.5.2.

21.4 Criteria used to assign the minimum carriage requirements for products that meet the minimum safety or pollution criteria to make them subject to chapter 17 of the IBC Code

21.4.1 Column a – Product name

21.4.1.1 A standardized chemical name, preferably assigned on the basis of the Chemical Abstracts Service (CAS) or the International Union of Pure and Applied Chemistry (IUPAC) system, shall be used as far as possible. However, where this is unnecessarily complex, then a technically correct and unambiguous alternative name may be used.

21.4.2 Column b – Deleted

21.4.3 Column c – Pollution category

21.4.3.1 Column c identifies the pollution category assigned to each product in accordance with MARPOL Annex II, based on table 1 below (see MARPOL Annex II, appendix I).

Table 1 – Guidelines for the categorization of Noxious Liquid Substances

<u>Rule</u>	<u>A1 Bio accumulation</u>	<u>A2 Bio degradation</u>	<u>B1 Acute toxicity</u>	<u>B2 Chronic toxicity</u>	<u>D3 Long-term health effects</u>	<u>E2 Effects on marine wildlife and on benthic habitats</u>	<u>Cat</u>
<u>1</u>			<u>≥5</u>				<u>X</u>
<u>2</u>	<u>≥4</u>		<u>4</u>				
<u>3</u>		<u>NR</u>	<u>4</u>				
<u>4</u>	<u>≥4</u>	<u>NR</u>			<u>CMRTNI^①</u>		
<u>5</u>			<u>4</u>				<u>Y</u>
<u>6</u>			<u>3</u>				
<u>7</u>			<u>2</u>				
<u>8</u>	<u>≥4</u>	<u>NR</u>		<u>Not 0</u>			
<u>9</u>				<u>≥1</u>			

^① Applies if the D3 rating contains any of these letters or any combination thereof.

<u>10</u>						<u>Fp, F or S</u> <u>If _____ not</u> <u>Inorganic</u>	
<u>11</u>					<u>CMRTNI^①</u>		
<u>12</u>	<u>Any product not meeting the criteria of rules 1 to 11 and 13</u>						<u>Z</u>
<u>13</u>	<u>All products identified as: < 2 in column A1; R in column A2; blank in column D3; not Fp, F or S (if not organic) in column E2; and 0 (zero) in all other columns of the GESAMP Hazard Profile</u>						<u>OS</u>

21.4.4 Column d – Hazards

21.4.4.1 An "S" is assigned to column d if any of the safety criteria described in paragraphs 1.3.1.1 to 21.3.1.11 are met.

21.4.4.2 A "P" is assigned to column d if the product meets the criteria for assigning Ship Type 1 to 3 as defined by rules 1 to 14 in the table 2.

21.4.5 Column e – Ship Type

21.4.5.1 Assignment of Ship Types is carried out from both a pollution and safety perspective. The basic criteria for assigning Ship Types from a pollution perspective is carried out based on the GESAMP Hazard Profile, shown in table 2. An explanation of the details in the columns is provided in appendix I of MARPOL Annex II.

21.4.5.2 The following criteria are used to assign the Ship Type:

Ship Type 1:

Inhalation LC₅₀/ATE ≤ 0.5 mg/L/4h (C3 = 4) and SVC/LC₅₀ ≥ 20; and/or
Dermal LD₅₀/ATE ≤ 50 mg/kg (C2 = 4); and/or
WRI = 3; and/or
Auto-ignition temperature ≤ 65°C; and/or
Explosive range ≥ 50% v/v in air and the flashpoint < 23°C; and/or
Rules 1 or 2 of the table 2 shown in 21.4.5.2 (below).

Ship Type 2:

Inhalation LC₅₀/ATE ≤ 0.5 mg/L/4h (C3 = 4) and SVC/LC₅₀ < 20; or
Inhalation LC₅₀/ATE > 0.5 mg/L/4h – < 2mg/L/4h (C3 = 3) and SVC/LC₅₀ ≥ 2 (see note);
and/or
Dermal LD₅₀/ATE > 50 mg/kg – < 200 mg/kg (C2 = 3); and/or
WRI = 2; and/or
Auto-ignition temperature ≤ 200°C; and/or
Explosive range ≥ 40% v/v in air and the flashpoint < 23°C; and/or
Any product meeting the criteria of rules 3 to 10 in table 2.

Note: Products with a density >1025 kg/m³ (sinkers) or a water solubility of >50% (dissolvers) that are assigned to Ship Type 2 based on the inhalation toxicity criteria, may be re-assigned to Ship Type 3.

Ship Type 3:

Any of the minimum safety or pollution criteria for bulk liquid cargoes subject to chapter 17 of the IBC Code not meeting the requirements for Ship Types 1 or 2 and not meeting rule 15 of table 2 shown in 21.4.5.2 (below).

Table 2 – Assignment of Ship Types based on the GESAMP Hazard Profile

<u>Rule</u>	<u>A1</u>	<u>A2</u>	<u>B1</u>	<u>B2</u>	<u>D3</u>	<u>E2</u>	<u>Ship Type</u>
<u>1</u>			≥ 5				<u>1</u>
<u>2</u>	≥ 4	NR	<u>4</u>		CMRTNI ^①		
<u>3</u>	≥ 4	NR			CMRTNI ^①		<u>2</u>
<u>4</u>			<u>4</u>				
<u>5</u>	≥ 4		<u>3</u>				
<u>6</u>		NR	<u>3</u>				
<u>7</u>				≥ 1			
<u>8</u>		NR				Fp	
<u>9</u>					CMRTNI ^①	F	
<u>10</u>			≥ 2			S	
<u>11</u>	≥ 4						<u>3</u>
<u>12</u>		NR					
<u>13</u>			≥ 1				
<u>14</u>	<u>All other category Y Substances</u>						
<u>15</u>	<u>All other category Z Substances</u> <u>All "Other Substances" (OS)</u>						<u>NA</u>

21.4.6 Column f – Tank type

21.4.6.1 The tank type is assigned according to the following criteria:

Tank type 1G: Inhalation LC50/ATE ≤ 0.5 mg/L/4h (C3 = 4) and SVC/LC50 ≥ 1000 ; and/or

Dermal LD50/ATE ≤ 50 mg/kg (C2 = 4); and/or;

WRI=3; and/or

Auto-ignition temperature $\leq 65^\circ\text{C}$; and/or

Explosive range $\geq 40\%$ v/v in air and the flashpoint $< 23^\circ\text{C}$. Based on expert judgement, tank type 1G may be required for specific products (e.g. for molten sulphur, hydrochloric acid).

Tank type 2G: Any of the minimum safety or pollution criteria for bulk liquid cargoes subject to chapter 17 or the IBC Code not meeting the requirements for tank type 1G.

21.4.7 Column g – Tank vents

21.4.7.1 The tank venting arrangements are assigned according to the following criteria:

Controlled: Inhalation LC50/ATE ≤ 10 mg/L/4h (C3 = 2, 3 or 4), unless in accordance with

^① Applies if the D3 rating contains any of these letters or any combination thereof.

21.7.12; and/or
Toxic to mammals by prolonged exposure (D3 = C, M, R, T, N, or I); and/or
Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or
Special carriage control needed; and/or
Flashpoint $\leq 60^{\circ}\text{C}$; and
Corrosive to skin ($\leq 4\text{h}$ exposure). (D1 = 3A, 3B, or 3C).

Open: Any of the minimum safety or pollution criteria for bulk liquid cargoes subject to chapter 17 or the IBC Code not meeting the requirements for controlled tank vents.

21.4.8 Column h – Tank environmental control

21.4.8.1 The tank environmental control conditions are assigned according to the following criteria:

Inert: Auto-ignition temperature $\leq 200^{\circ}\text{C}$.; and/or
Reacts with air to cause a hazard; and/or
Explosive range $\geq 40\%$ and the flashpoint $< 23^{\circ}\text{C}$.

Dry: WRI > 1

Pad: Only applies to specific products identified on a case by case basis.

Vent: Only applies to specific products identified on a case by case basis.

No: Where the above criteria do not apply (inerting requirements may be required under SOLAS).

21.4.9 Column i – Electrical equipment

21.4.9.1 If the flashpoint of the product is $\leq 60^{\circ}\text{C}$ or the product is heated to within 15°C of its flashpoint then the electrical equipment required are assigned according to the following criteria, otherwise “–” is assigned in column i’ and i”:

.1 Column i’ – Temperature class:

T1 Auto-ignition temperature $\geq 450^{\circ}\text{C}$
T2 Auto-ignition temperature $\geq 300^{\circ}\text{C}$ but $< 450^{\circ}\text{C}$
T3 Auto-ignition temperature $\geq 200^{\circ}\text{C}$ but $< 300^{\circ}\text{C}$
T4 Auto-ignition temperature $\geq 135^{\circ}\text{C}$ but $< 200^{\circ}\text{C}$
T5 Auto-ignition temperature $\geq 100^{\circ}\text{C}$ but $< 135^{\circ}\text{C}$
T6 Auto-ignition temperature $\geq 85^{\circ}\text{C}$ but $< 100^{\circ}\text{C}$

.2 Column i” – Apparatus group:

<u>Apparatus group</u>	<u>MESG at 20°C (mm)</u>	<u>MIC ratio product/methane</u>
<u>IIA</u>	<u>≥ 0.90</u>	<u>≥ 0.80</u>
<u>IIB</u>	<u>> 0.50 to ≤ 0.90</u>	<u>> 0.45 to ≤ 0.80</u>
<u>IIC</u>	<u>≤ 0.50</u>	<u>≤ 0.45</u>

.1 The tests shall be carried out in accordance with the procedures described in IEC 60079-1-1:2002 and IEC 79-3.

.2 For gases and vapours it is sufficient to make only one determination of either the Maximum Experimental Safe Gap (MESG) or the Minimum Igniting Current (MIC) provided that:

for Group IIA: the MESG > 0.90 mm or the MIC ratio > 0.80

for Group IIB: the MESG is > 0.50 mm and ≤ 0.90 mm; or

the MIC ratio is > 0.50 and ≤ 0.80

for Group IIC: the MESG is ≤ 0.50 mm or the MIC ratio is ≤ 0.45

.3 It is necessary to determine both the MESG and the MIC ratio when:

.1 the MIC ratio determination only has been made, and the ratio is between 0.80 and 0.90, when an MESG determination will be required;

.2 the MIC ratio determination only has been made, and the ratio is between 0.45 and 0.50, when an MESG determination will be required; or

.3 the MESG only has been found, and is between 0.50 mm and 0.55 mm, when an MIC ratio determination will be required.

.3 Column i''' Flashpoint:

> 60°C Yes

≤ 60°C No

Non-flammable NF

21.4.10 Column j – Gauging

21.4.10.1 The gauging equipment is assigned according to the following criteria:

Closed: Inhalation LC₅₀/ATE ≤ 2 mg/L/4h (C3 = 3 or 4), unless in accordance with 21.7.12; and/or

Dermal LD₅₀/ATE ≤ 1000 mg/kg (C2 = 2, 3 or 4); and/or

Toxic to mammals by prolonged exposure (D3 = C, M, R, T, N, or I); and/or

Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

Severely corrosive to skin (< 3 min exposure) (D1= 3C).Annex 5,

Restricted: Inhalation LC₅₀/ATE >2 - ≤10 mg/L/4h (C3 = 2), unless in accordance with 21.7.12; and/or

Special carriage control indicates inerting required; and/or

Highly corrosive to skin (> 3 min - ≤1h exposure) (D1 = 3B); and/or

Flashpoint ≤ 60°C.

Open: Any of the minimum safety or pollution criteria for bulk liquid cargoes subject to chapter 17 or the IBC Code not meeting the requirements for closed or restricted gauging.

21.4.11 Column k – Vapour detection

21.4.11.1 The vapour detection equipment is assigned according to the following criteria:

Toxic (T): Inhalation LC₅₀/ATE ≤ 10 mg/L/4h (C3 = 2, 3, or 4), unless in accordance with 21.7.12, and/or

Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

Toxic to mammals by prolonged exposure (D3 = C, M, R, T, N, or I).

Flammable (F): Flashpoint ≤ 60°C

No (No): Where the above criteria do not apply

21.4.12 Column l – Fire protection equipment

21.4.12.1 The appropriate firefighting media are defined as being appropriate according to the following criteria related to the properties of the product:

Solubility > 10% (> 100000 mg/L) A Alcohol-resistant foam.

Solubility ≤ 10% (≤ 100000 mg/L) A Alcohol-resistant foam; and/or

B Regular foam.

WRI = 0 C Water spray (generally used as a coolant and can be used with A and/or B providing that the WRI = 0).

WRI ≥ 1 D Dry chemical.

No No requirements under this Code. This applies where a product as identified as NF in column i” (see paragraph 21.4.9.1.3).

Note: all appropriate media shall be listed.

21.4.13 Column m – Deleted

21.4.14 Column n – Emergency equipment

21.4.14.1 The requirement to have personnel emergency equipment on board is identified by “Yes” in column n according to the following criteria:

Inhalation LC₅₀/ATE ≤ 2 mg/L/4h (C3 = 3 or 4); unless in accordance with 21.7.12; and/or

Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

Severely corrosive to skin (≤ 3 min exposure) (D1 = 3C); and/or

WRI = 2

No: indicates that the above criteria do not apply.

21.5 Column o – Criteria for special requirements in chapter 15

21.5.1 The assignment of special requirements in column o shall normally follow clear criteria based on the data supplied in the reporting form. Where it is considered appropriate to deviate from such criteria, this shall be clearly documented in such a way that it can easily be retrieved on demand.

21.5.2 The criteria for making reference to the special requirements identified in chapters 15 and 16 are defined below with comments where relevant.

21.5.3 Paragraphs 15.2 to 15.10 and 15.20

21.5.3.1 Paragraphs 15.2 to 15.10 and 15.20 identify specific products by name with special carriage requirements that cannot be easily accommodated in any other way.

21.5.4 Paragraph 15.11 – Acids

21.5.4.1 Paragraph 15.11 applies to all acids unless they:

.1 are organic acids – when only paragraphs 15.11.2 to 15.11.4 and paragraphs 15.11.6 to 15.11.8 apply; or

.2 do not evolve hydrogen – when paragraph 15.11.5 need not apply.

21.5.5 Paragraph 15.12 – Toxic products

21.5.5.1 All of paragraph 15.12 is added to column o according to the following criteria:

Inhalation LC₅₀/ATE ≤ 2 mg/L/4h (C3 = 3 or 4), unless in accordance with 21.7.12; and/or

the product is a respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

the product is toxic to mammals by prolonged exposure (D3 = C, M, R, T, N, or I).

21.5.5.2 Paragraphs 15.12.3 and 15.12.4 are added to column o according to the following criterion:

Inhalation LC₅₀/ATE > 2 - ≤ 10 mg/L/4h (C3 = 2), unless in accordance with 21.7.12.

21.5.5.3 Paragraph 15.12.3.2 is added to column o according to the following criteria:

Dermal LD₅₀/ATE ≤ 1000 mg/kg (C2 = 2, 3, or 4); and/or

Oral LD₅₀/ATE ≤ 300 mg/kg (C1 = 2, 3, or 4).

21.5.6 Paragraph 15.13 – Cargoes protected by additives

21.5.6.1 The requirement to assign paragraph 15.13 to column o is based on the information related to the product's tendency to polymerize, decompose, oxidize or undergo other chemical changes which may cause a hazard under normal carriage conditions, but which would be prevented by the addition of appropriate additives.

21.5.7 Paragraph 15.14 – Cargoes with a vapour pressure greater than atmospheric at 37.8°C

21.5.7.1 The requirement to assign paragraph 15.14 to column o is based on the following criterion:

Boiling point ≤ 37.8°C

21.5.8 Paragraph 15.16 – Cargo contamination

21.5.8.1 Paragraph 15.16.1 is deleted.

21.5.8.2 Paragraph 15.16.2 is added to column o according to the following criterion:

WRI > 1

21.5.9 Paragraph 15.17 – Increased ventilation requirements

21.5.9.1 Paragraph 15.17 shall be added to column o according to the following criteria:

Inhalation LC₅₀/ATE > 0.5 - ≤ 2 mg/L/4h (C3 = 3), unless in accordance with 21.7.12; and/or

Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

Toxic to mammals by prolonged exposure (D3 = C, M, R, T, N, or I); and/or

Highly to severely corrosive to skin (≤ 1h exposure time) (D1 = 3B or 3C).

21.5.10 Paragraph 15.18 – Special cargo pump-room requirements

21.5.10.1 Paragraph 15.18 shall be added to column o according to the following criterion:

Inhalation LC₅₀/ATE ≤ 0.5 mg/L/4h (C3 = 4), unless in accordance with 21.7.12

21.5.11 Paragraph 15.19 – Overflow control

21.5.11.1 Paragraph 15.19 shall be added to column o according to the following criteria:

Inhalation LC₅₀/ATE ≤ 2 mg/L/4h (C3 = 3 or 4), unless in accordance with 21.7.12; and/or

Dermal LD₅₀/ATE ≤ 1000 mg/kg (C2 = 2, 3, or 4); and/or

Oral LD₅₀/ATE ≤ 300 mg/kg (C1 = 2, 3, or 4); and/or

Respiratory sensitizer (D3 = Sr, see also paragraph 21.7.4); and/or

Severely corrosive to skin (≤ 3 min exposure) (D1 = 3C); and/or

Auto-ignition temperature ≤ 200°C; and/or

Explosive range > 40% v/v in air and flashpoint < 23°C; and/or

Classified as Ship Type 1 on pollution grounds.

21.5.11.2 Only paragraph 15.19.6 shall apply if the product has any of the following properties:

Inhalation LC₅₀/ATE > 2 mg/L/4h - ≤ 10 mg/L/4h (C3 = 2), unless in accordance with 21.7.12; and/or

Dermal LD₅₀/ATE > 1000 mg/kg - ≤ 2000 mg/kg (C2 = 1); and/or

Oral LD₅₀/ATE > 300 mg/kg - ≤ 2000 mg/kg (C1 = 1); and/or
Skin sensitizer (D3=Ss); and/or
Highly corrosive to skin (> 3 min - ≤ 1h exposure) (D1 = 3B); and/or
Flashpoint ≤ 60°C; and/or
Classified as Ship Type 2 on pollution grounds; and/or
Pollution category X or Y.

21.5.12 Paragraph 15.21 –Temperature sensors

21.5.12.1 Paragraph 15.21 is added to column o according to the heat sensitivity of the product.
This requirement is related to pumps in cargo pump-rooms only.

21.6 Column o – Criteria for special requirements in chapter 16

21.6.1 Paragraphs 16.1 to 16.2.5 and 16.3 to 16.5

21.6.1.1 These apply to all cargoes and so are not referenced specifically in column o.

21.6.2 Paragraph 16.2.6

21.6.2.1 Paragraph 16.2.6 is added to column o for products which meet the following criteria:
Pollution Category X or Y and viscosity ≥ 50 mPa·s at 20°C.

21.6.3 Paragraph 16.2.9

21.6.3.1 Paragraph 16.2.9 is added to column o for products which meet the following criterion:
Melting point ≥ 0°C.

21.6.4 Paragraph 16.6 – Cargo not to be exposed to excessive heat

21.6.4.1 Paragraphs 16.6.2 to 16.6.4 are added to column o for products which are identified as requiring temperature control during carriage.

21.6.5 Paragraph 16.2.7 – Persistent floaters

Paragraph 16.2.7 is added to column o for products which meet the following criteria: Pollution Category Y that are persistent floaters (E2 = Fp) with a viscosity greater than or equal to 50 mPa·s at 20°C and/or with a melting point greater than or equal to 0°C.

21.7 Definitions

21.7.1 Acute mammalian toxicity

LC₅₀ is the concentration in air, LD₅₀ is the amount (dose) of test substance, which causes mortality to 50% of a test species. ATE refers to a dose (concentration) range or extrapolated dose (concentration) leading to lethal effects in mammals, equivalent to an LC₅₀ or LD₅₀.

21.7.1.1 Acutely toxic if swallowed

<u>Oral toxicity (LD₅₀/ATE)</u>		<u>GESAMP Hazard Profile Rating</u>
<u>Hazard Level</u>	<u>mg/kg</u>	<u>C1</u>
<u>High</u>	<u>≤ 5</u>	<u>4</u>
<u>Moderately High</u>	<u>> 5 - ≤ 50</u>	<u>3</u>
<u>Moderate</u>	<u>> 50 - < 300</u>	<u>2</u>
<u>Slight</u>	<u>> 300 - ≤ 2000</u>	<u>1</u>
<u>Negligible</u>	<u>≥ 2000</u>	<u>0</u>

21.7.1.2 Acutely toxic in contact with skin

<u>Dermal toxicity (LD₅₀/ATE)</u>		<u>GESAMP Hazard Profile Rating</u>
<u>Hazard Level</u>	<u>mg/kg</u>	<u>C2</u>
<u>High</u>	<u>≤ 50</u>	<u>4</u>
<u>Moderately high</u>	<u>> 50-≤ 200</u>	<u>3</u>
<u>Moderate</u>	<u>> 200 - ≤ 1000</u>	<u>2</u>
<u>Slight</u>	<u>> 1000 - ≤ 2000</u>	<u>1</u>
<u>Negligible</u>	<u>> 2000</u>	<u>0</u>

21.7.1.3 Acutely toxic by inhalation

All inhalation toxicity data are assumed to be for vapours and not mists or sprays, unless otherwise indicated.

<u>Inhalation toxicity (LC₅₀/ATE)</u>		<u>GESAMP Hazard Profile Rating</u>
<u>Hazard level</u>	<u>mg/L/4h</u>	<u>C3</u>
<u>High</u>	<u>≤ 0.5</u>	<u>4</u>
<u>Moderately high</u>	<u>> 0.5-≤ 2</u>	<u>3</u>
<u>Moderate</u>	<u>> 2-≤ 10</u>	<u>2</u>
<u>Slight</u>	<u>> 10-≤ 20</u>	<u>1</u>
<u>Negligible</u>	<u>> 20</u>	<u>0</u>

21.7.2 Toxic to mammals by prolonged exposure

21.7.2.1 A product is classified as toxic to mammals by prolonged exposure if it meets any of the following criteria: it is known to be, or suspected of being carcinogenic, mutagenic, reprotoxic, neurotoxic, immunotoxic or exposure below the lethal dose is known to cause Specific Target Organ Toxicity.

21.7.2.2 Such effects may be identified from the GESAMP Hazard Profile of the product (D3 = C, M, R, T, N, or I) or other recognized sources of such information.

21.7.3 Skin sensitization

21.7.3.1 A product is classified as a skin sensitizer:

- .1 if there is evidence in humans that the substance can induce sensitization by skin contact in a substantial number of persons; or
- .2 where there are positive results from an appropriate test.

21.7.3.2 Such effects are identified in the GESAMP Hazard Profile for the product (D3 = Ss).

21.7.4 Respiratory sensitization

21.7.4.1 A product is classified as a respiratory sensitizer:

- .1 if there is evidence in humans that the substance can induce specific respiratory hypersensitivity; and/or
- .2 where there are positive results from an appropriate test; and/or
- .3 where the product does not have a GESAMP Hazard Profile and is identified as a skin sensitizer and there is no evidence to show that it is not a respiratory sensitizer.

21.7.4.2 Such effects are identified in the GESAMP Hazard Profile for the product (D3 = Sr) or other recognized sources of such information, if no profile exists.

21.7.5 Corrosive to skin^①

<u>Hazard Level</u>	<u>Exposure time to cause full thickness necrosis of skin</u>	<u>GESAMP Hazard Profile Rating</u>
		<u>D1</u>
<u>Severely corrosive to skin</u>	<u>≤ 3 min</u>	<u>3C</u>
<u>Highly corrosive to skin</u>	<u>> 3 min - ≤ 1h</u>	<u>3B</u>
<u>Moderately corrosive to skin</u>	<u>≥ 1h - < 4h</u>	<u>3A</u>

Note: A rating of 3 or (3) in the D1 column of the GESAMP Hazard Profile without any additional letter notation (A, B or C), means that the severity of corrosivity has not been established. For such cases, a rating of 3 or (3) is understood to be equivalent to a rating of 3B for the purpose of assigning carriage requirements.

21.7.6 Water reactive substances

21.7.6.1 These are classified as follows:

<u>Water Reactive Index (WRI)</u>	<u>Definition</u>
<u>3</u>	<u>Any chemical which is extremely reactive with water and produces large quantities of flammable, toxic or corrosive gas or aerosol</u>
<u>2</u>	<u>Any chemical which, in contact with water, may produce a toxic, flammable or corrosive gas or aerosol</u>
<u>1</u>	<u>Any chemical which, in contact with water, may generate heat or produce a non-toxic, non-flammable or non-corrosive gas</u>
<u>0</u>	<u>Any chemical which, in contact with water, would not undergo a reaction to justify a value of 1, 2 or 3</u>

21.7.7 Air reactive substances

21.7.7.1 Air reactive substances are products that react with air to cause a potentially hazardous situation, e.g. the formation of peroxides that may cause an explosive reaction.

21.7.8 Electrical apparatus – Temperature class

(for products which either have a flashpoint of ≤ 60°C or are heated to within 15°C of their flashpoint)

21.7.8.1 The temperature class is defined by the International Electrotechnical Commission (IEC) as:

“The highest temperature attained under practical conditions of operation within the rating of the apparatus (and recognized overloads, if any, associated therewith) by any part of any surface, the exposure of which to an explosive atmosphere may involve a risk.”

21.7.8.2 The temperature class of the electrical apparatus is assigned by selecting the Maximum

^① Products that are corrosive to skin are also deemed to be corrosive by inhalation.

Surface Temperature which is closest to, but less than, the product's auto-ignition temperature (see 21.4.9.1.1).

21.7.9 Electrical apparatus – Apparatus group

(for products with a flashpoint of $\leq 60^{\circ}\text{C}$)

21.7.9.1 This refers to intrinsically safe and associated electrical apparatus for explosive gas atmospheres which the IEC divide into the following groups:

Group I: mines susceptible to firedamp (not used by IMO); and

Group II: for applications in other industries – further sub-divided according to its Maximum Experimental Safe Gap (MESG) and/or the Minimum Igniting Current (MIC) of the gas/vapour into groups IIA, IIB and IIC.

21.7.9.2 This property cannot be determined from other data associated with the product; it has to be either measured or assigned by assimilation with related products in a homologous series.

21.7.10 Special carriage control conditions

21.7.10.1 Special carriage control conditions refer to specific measures that need to be taken in order to prevent a hazardous reaction. They include:

.1 Inhibition: the addition of a compound (usually organic) that retards or stops an undesired chemical reaction such as corrosion, oxidation or polymerization;

.2 Stabilization: the addition of a substance (stabilizer) that tends to keep a compound, mixture or solution from changing its form or chemical nature. Such stabilizers may retard a reaction rate, preserve a chemical equilibrium, act as antioxidants, keep pigments and other components in emulsion form or prevent the particles in colloidal suspension from precipitating;

.3 Inertion: the addition of a gas (usually nitrogen) in the ullage space of a tank that prevents the formation of a flammable cargo/air mixture;

.4 Temperature control: the maintenance of a specific temperature range for the cargo in order to prevent a hazardous reaction or to keep the viscosity low enough to allow the product to be pumped; and

.5 Padding and venting: only applies to specific products identified on a case by case basis.

21.7.11 Flammable cargoes

21.7.11.1 A cargo is defined as flammable according to the following criteria:

<u>IBC Code descriptor</u>	<u>Flashpoint (degrees Centigrade)</u>
<u>Highly flammable</u>	<u>≤ 23</u>
<u>Flammable</u>	<u>≤ 60 but ≥ 23</u>

21.7.11.2 It should be noted that flashpoints of mixtures and aqueous solutions need to be measured unless all of the components are non-flammable.

21.7.11.3 It should be noted that the carriage of bulk liquid cargoes that have a flashpoint of $\leq 60^{\circ}\text{C}$ are subject to other SOLAS regulations.

21.7.12 Application of the SVC/LC₅₀ ratio method

21.7.12.1 If the vapour pressure and the molecular weight of a substance are known, an estimate of the maximum vapour concentration in a closed compartment (e.g. a tank) can be calculated.

This is called the Saturated Vapour Concentration (SVC).

21.7.12.2 The hazard quotient SVC/LC_{50} ^① is a substance specific value for the velocity of a vapour for achieving a hazardous concentration when emerging from a liquid source (e.g. leak, spillage or tank ventilation), and can be used in the assignment of specific carriage requirements related to inhalation toxicity.

21.7.12.3 If a solid substance is transported in an aqueous solution, the vapour pressure^② of this solid rather than that of water may be used in the calculation of the SVC/LC_{50} ratio.

21.7.12.4 Application of the SVC/LC_{50} ratio for assigning Ship Type and Tank type

21.7.12.4.1 For the assignment of Ship Type and tank type, as set out in paragraphs 21.4.5 and 21.4.6, the application of the SVC/LC_{50} ratio method is optional. Should this method be used, the vapour pressure at 20°C shall be used when calculating the SVC/LC_{50} ratio.

21.7.12.4.2 The SVC mg/L of a substance should be calculated as follows:

$$SVC(mg / L) = \left(\frac{Vapour\ pressure@20^{\circ}C(Pa)}{101300(Pa)} \times 10^6 \right) \times \frac{M_w(g/mol)}{24(L / mol) \times 1000}$$

where MW is the molecular weight of the substance.

21.7.12.4.3 The SVC/LC_{50} ratio should be calculated as follows:

$$\frac{SVC/LC_{50}}{LC_{50}} = \frac{SVC(mg/L)}{LC_{50} mg/L/4h}$$

21.7.12.5 Application of the SVC/LC_{50} ratio for assigning carriage requirements

21.7.12.5.1 For the carriage requirements listed in 21.7.12.5.5, the application of the SVC/LC_{50} ratio method is optional. If the SVC/LC_{50} ratio method is used in the assignment of these carriage requirements, the vapour pressure at 40°C shall be used when calculating the SVC/LC_{50} ratio. If the carriage temperature is higher than 40°C, then the SVC/LC_{50} ratio should be calculated at that temperature.

21.7.12.5.2 The SVC (mg/l) of a substance should be calculated as follows:

$$SVC(mg / L) = \left(\frac{Vapour\ pressure@40^{\circ}C(Pa)}{101300(Pa)} \times 10^6 \right) \times \frac{M_w(g/mol)}{26(L / mol) \times 1000}$$

where MW is the molecular weight of the substance.

21.7.12.5.3 The SVC/LC_{50} ratio should be calculated as follows:

$$\frac{SVC/LC_{50}}{LC_{50}} = \frac{SVC(mg/L)}{LC_{50} mg/L/4h}$$

21.7.12.5.4 The SVC (mg/L) formula described in 21.7.12.5.2 is standardized for calculations at 40°C. When using the vapour pressure at higher temperatures in the calculations, the formula must be amended accordingly.

21.7.12.5.5 For the following carriage requirements, the SVC/LC_{50} ratio method, calculated at 40°C or higher, may be used as an alternative to the acute inhalation toxicity criteria given in paragraphs 21.4 and 21.5:

.1 Column g – Tank vents

^① ATE values can be considered as equivalent to LC_{50} values. See paragraph 21.7.1.

^② If this data is not available, an estimate may be used.

Assignment of controlled venting is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 10$ mg/L/4h (C3 = 2, 3, or 4) and $SVC/LC_{50} < 0.2$

.2 Column j – Gauging

Closed gauging is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 2$ mg/L/4h (C3 = 3 or 4) and $SVC/LC_{50} < 0.2$ but restricted gauging is required.

Restricted gauging is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE > 2 - \leq 10$ mg/L/4h (C3 = 2) and $SVC/LC_{50} < 0.2$

.3 Column k – Vapour detection

Assignment of toxic vapour detection is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 10$ mg/L/4h (C3 = 2, 3, or 4) and $SVC/LC_{50} < 0.2$

.4 Column n – Emergency Equipment

Inhalation $LC_{50}/ATE \leq 2$ mg/L/4h (C3 = 3 or 4) and $SVC/LC_{50} < 0.2$

.5 Column o – Special requirements in chapter 15

15.12.1 and 15.12.2 are not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 2$ mg/L/4h (C3 = 3 or 4) and $SVC/LC_{50} < 0.2$

15.12.3 and 15.12.4 are not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE > 2 - \leq 10$ mg/L/4h (C3 = 2) and $SVC/LC_{50} < 0.2$

15.17 is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 0.5$ mg/L/4h (C3 = 4) and $SVC/LC_{50} < 0.2$

15.18 is not required based on the inhalation hazard only if:

Inhalation $LC_{50}/ATE \leq 0.5$ mg/L/4h (C3 = 4) and $SVC/LC_{50} < 0.2$

15.19 is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE \leq 2$ mg/L/4h (C3 = 3 or 4) and $SVC/LC_{50} < 0.2$, but 15.19.6 applies

15.19.6 is not required based on the inhalation hazard only, if:

Inhalation $LC_{50}/ATE > 2 - \leq 10$ mg/L/4h (C3 = 2) and $SVC/LC_{50} < 0.2$