

Shanghai Highwoods Ship Co., Ltd.

Requirement on Oil Fences or Sign Ship Pollution Cleanup Agreements

Dear Ship owners/operators who may concern,

A List of Contaminated and Hazardous Bulk Liquids Goods (herein After Called The list) Needed to Set up Oil Fences or Sign Ship Pollution Cleanup Agreements was made by MSA China.

Ships carrying goods in the List shall take anti-pollution measures, including the installation of oil fences, in accordance with Article 41 of the Regulations of the People's Republic of China on the Prevention and Control of Marine Environmental Pollution by Ships and Their Related Operations and Article 27 of the Regulations of the People's Republic of China on the Prevention and Control of Marine Environmental Pollution by Ships in Inland Waters.

Ships carrying cargo in the List and vessels carrying more than 10,000 gross tons of cargo not included in the List shall sign ship pollution removal operation agreements with ship pollution removal units that conform to the relevant technical specifications of the State before operation or before entering or leaving ports in accordance with Article 33 of the Regulations on the Prevention and Control of Marine Environmental Pollution by Ships.

A total of 263 goods are included in the List, including 16 kinds of persistent oils in bulk as listed in Annex I to the 1973 International Convention for the Prevention of Pollution from Ships, as amended by the 1978 Protocol, 16 kinds of structures and equipment for ships transporting dangerous chemicals in bulk, Chapters 17 and 18 of the International Rules for the Construction and Equipment of Ships and 1 and 5 of the IMO Circular MEPC.2/Circ.24 (relative weight less than 1). 247 kinds of toxic liquid substances in bulk with solubility less than 0.1%

No	Name in Chinese	Name in English
序号	中文名称	英文名称
散装持久性油类 Bulk Durability Oils		
1	变压器油	TRANSFORMER OIL
2	残油燃料油	RESIDUAL FUEL OIL
3	柴油(重质)	DIESEL OIL (HEAVY)
4	锭子油	SPINDLE OIL
5	含有原油的混合物	MIXTURES CONTAINING CRUDE OIL
6	马达油	MOTOR OIL

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7	铺路沥青	ROAD OIL
8	4号燃料油	FUEL OIL NO.4
9	5号燃料油	FUEL OIL NO.5
10	6号燃料油	FUEL OIL NO.6
11	润滑油和调合油料	LUBRICATING OILS AND BLENDING STOCKS
12	渗透润滑油	PENETRATING OIL
13	透平油	TURBINE OIL
14	屋顶用柏油	ROOFERS FLUX
15	原油	CRUDE OIL
16	直馏渣油	STRAIGHT RUN RESIDUE
散装有毒液体物质 Bulk toxic liquid substances		
17	八甲基环四硅氧烷	OCTAMETHYLCYCLOTETRA SILOXANE
18	苯丙酸, 3,5-二(1,1-二甲基乙基), 4-羟基 -C7-C9醇支链和直链的	BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL) 4-HYDROXY-C7-C9ALCOHOL S BRANCHED AND LINEAR
19	1-苯基-1-二甲苯基乙烷	1-PHENYL-1-XYLYL ETHANE
20	苯三甲酸, 三辛酯	BENZENETRICARBOXYLIC ACID, TRIOCTYL ESTER
21	蓖麻油	CASTOR OIL
22	1-苄基-4,5-二氢-1-(羟乙基)-2-椰油烷基咪唑翁的氯化物	IMIDAZOLIUM COMPOUNDS, 1-BENZYL-4,5-DIHYDRO-1-(H YDROXYETHYL)-2-NORCOCO ALKYL, CHLORIDES
23	2-苄基丙烯酸聚合物和 4-(1,1-二甲基乙基)苯 酚, 甲醛, 2,5-咪喃二酮, 2-甲基环氧乙烷和环氧乙烷 (65%在石脑油/二甲苯中)	2-PROPENOIC ACID POLYMER WITH 4-(1,1-DIMETHYLETHYL)PHE NOL, FORMALDEHYDE, 2,5-FURANDIONE,

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		2-METHYLOXIRANE AND OXIRANE (65% IN NAPHTHA/XYLENE)
24	丙酸正戊酯	n-PENTYL PROPIONATE
25	丙烯酸-2-乙基己酯	2-ETHYLHEXYL ACRYLATE
26	丙烯酸癸酯	DECYL ACRYLATE
27	菜籽油	RAPESEED OIL
28	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)
29	菜籽油脂肪酸甲醚	RAPE SEED OIL FATTY ACID METHYL ESTERS
30	醇类 (C12-C13), 伯, 直链和主要直链 的	ALCOHOLS (C12-C13), PRIMARY, LINEAR AND ESSENTIALLY LINEAR
31	醇类 (C13+)	ALCOHOLS (C13+)
32	醇类 (C14-C18), 伯, 直链和主要直链 的	ALCOHOLS (C14-C18), PRIMARY, LINEAR AND ESSENTIALLY LINEAR
33	醇类 (C8-C11), 伯, 直链和主要直链 的	ALCOHOLS (C8-C11), PRIMARY, LINEAR AND ESSENTIALLY LINEAR
34	从大豆油、玉米油及葵花籽油提炼的酸 性油混合物 粗萘 (熔融的) 大豆油 大豆油脂肪酸甲酯 丁苯 (所有异构体)	ACID OIL MIXTURE FROM SOYABEAN, CORN (maize) AND SUNFLOWER OIL REFINING NAPHTHALENE CRUDE (MOLTEN)
35		SOYABEAN OIL
36		SOYBEAN OIL FATTY ACID
37		METHYL ESTER
38		BUTYLBENZENE (all isomers)

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39	动物脂	TALLOW
40	动物脂肪酸	TALLOW FATTY ACID
41	对苯二甲酸二(2-乙基己基)酯	BIS(2-ETHYLHEXYL) TEREPHTHALATE
42	二-(2-乙基己基)磷酸	DI-(2-ETHYLHEXYL) PHOSPHORIC ACID
43	二-(2-乙基己基)乙二酸酯	DI-(2-ETHYLHEXYL) ADIPATE
44	二苯胺, 与 2,2,4-三甲基戊烯的反应物	DIPHENYLAMINE, REACTION PRODUCT WITH 2,2,4-TRIMETHYLPENTENE
45	二丁基磷酸氢酯	DIBUTYL HYDROGEN PHOSPHONATE
46	二甲苯酚	XYLENOL
47	二甲苯中的聚烷 (C18-C22) 丙烯酸酯	POLYALKYL (C18-C22) ACRYLATE IN XYLENE
48	二甲基聚硅氧烷	DIMETHYLPOLYSILOXANE
49	N,N-二甲基十二烷基胺	N,N-DIMETHYLDODECYLAMINE
50	二甲基辛酸	DIMETHYL OCTANOIC ACID
51	二聚戊烯	DIPENTENE
52	2,6-二叔丁基苯酚	2,6-DI-TERT-BUTYLPHENOL
53	二烷基 (C7-C13) 邻苯二甲酸酯	DIALKYL (C7-C13) PHTHALATES
54	二烷基 (C9-C10) 邻苯二甲酸酯	DIALKYL (C9 - C10) PHTHALATES
55	二乙苯	DIETHYLBENZENE
56	二异丙苯 (所有异构体)	DIISOPROPYLBENZENE (all isomers)
57	二异丙基萘	DIISOPROPYLNAPHTHALENE
58	二异丁基甲酮	DIISOBUTYL KETONE
59	芳基聚烯烃 (C11-C50)	ARYL POLYOLEFINS

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		(C11-C50)
60	芳香族溶剂中的聚烯烃胺	POLYOLEFINAMINE IN AROMATIC SOLVENT
61	非食用工业级棕榈油	NON-EDIBLE INDUSTRIAL GRADE PALM OIL
62	废弃食用油	USED COOKING OIL
63	废弃食用油 (甘油三酯, C16-C18 和 C18 不饱和的)	USED COOKING OIL (TRIGLYCERIDES, C16-C18 AND C18 UNSATURATED)
64	甘油单油酸酯	GLYCEROL MONOOLEATE
65	橄榄油	OLIVE OIL
66	癸醇 (所有异构体)	DECYL ALCOHOL (all isomers)
67	癸醇/十二烷基醇/十四烷基醇混合物	DECYL/DODECYL/TETRADECYL ALCOHOL MIXTURE
68	癸基氧化四氢噻吩二氧化物	DECYLOXYTETRAHYDROTHIOPHENE DIOXIDE
69	癸酸	DECANOIC ACID
70	癸烯	DECENE
71	红花油	SAFFLOWER OIL
72	花生油	GROUNDNUT OIL
73	环己醇	CYCLOHEXANOL
74	环己烷-1,2-二羧酸, 二异壬酯	CYCLOHEXANE-1,2-DICARBOXYLIC ACID, DIISONONYL ESTER
75	1,5,9-环十二碳三烯	1,5,9-CYCLODODECATRIENE
76	1,3-环戊二烯二聚物 (熔融的)	1,3-CYCLOPENTADIENE DIMER (molten)
77	己二酸二异壬酯	DIISONONYL ADIPATE
78	己二酸辛基癸基酯	OCTYL DECYL ADIPATE
79	甲苯二胺	TOLUENEDIAMINE
80	甲苯中的烷基丙烯酸酯-乙基吡啶共聚物	ALKYL ACRYLATE-VINYLPYRIDINE

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		COPOLYMER IN TOLUENE
81	α -甲基苄基醇, 含 15% 或以下的苯乙酮	alpha-METHYLBENZYL ALCOHOL WITH ACETOPHENONE (15% or less)

82	甲基丙烯酸壬基酯单体	NONYL METHACRYLATE MONOMER
83	甲基丙烯酸十二烷基酯	DODECYL METHACRYLATE
84	甲基丙烯酸十二烷基酯 /十八烷基酯混合物	DODECYL/OCTADECYL METHACRYLATE MIXTURE
85	甲基丙烯酸十二烷基酯 /十五烷基酯混合物	DODECYL/PENTADECYL METHACRYLATE MIXTURE
86	甲基丙烯酸十六烷基/ 二十烷基酯混合 物	CETYL/EICOSYL METHACRYLATE MIXTURE
87	甲基环戊二烯二聚物	METHYLCYCLOPENTADIENE DIMER
88	甲基萘 (熔融的)	METHYL NAPHTHALENE (molten)
89	聚 (4+) 异丁烯	POLY(4+)ISOBUTYLENE
90	聚 (5+) 丙烯	POLY(5+)PROPYLENE
91	聚丁烯	POLYBUTENE
92	聚丁烯琥珀酰亚胺	POLYBUTENYL SUCCINIMIDE
93	聚硅氧烷	POLYSILOXANE
94	聚硫化钼长链烷基二硫代氨基甲酸酯复 合物	MOLYBDENUM POLYSULFIDE LONG CHAIN
		ALKYL DITHIOCARBAMIDE COMPLEX
95	聚醚 (分子量 1350+)	POLYETHER (molecular weight 1350+)
96	聚烷 (C10-C18) 甲基丙	POLYALKYL (C10-C18)

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	烯酸酯/乙烯-丙烯共聚物混合物	METHACRYLATE/ETHYLENE- PROPYLENE COPOLYMER MIXTURE
97	聚烷 (C10-C20) 甲基丙烯酸酯	POLYALKYL (C10-C20) METHACRYLATE
98	聚烷烯烃琥珀酰亚胺, 硫氧化钼	POLYALKYLALKENAMINESU CCINIMIDE, MOLYBDENUM OXYSULPHIDE
99	聚烯烃 (分子量 300+)	POLYOLEFIN (molecular weight 300+)
100	聚烯烃氨基酯盐 (分子量 2000+)	POLYOLEFIN AMINOESTER SALTS (molecular weight 2000+)
101	聚烯烃胺 (C28-C250)	POLYOLEFINAMINE (C28-C250)
102	聚烯烃苯酚胺 (C28-C250)	POLYOLEFIN PHENOLIC AMINE (C28-C250)
103	聚烯烃酐	POLYOLEFIN ANHYDRIDE
104	聚烯烃磺酸, 钠盐	POLYALKENE SULPHONIC ACID (C20-C28), SODIUM SALT
105	聚烯烃酰胺烯烃胺 (C17+)	POLYOLEFIN AMIDE ALKENEAMINE (C17+)
106	聚烯烃酰胺烯烃胺多元醇	POLYOLEFIN AMIDE ALKENEAMINE POLYOL
107	聚烯烃酰胺烯烃胺硼酸酯 (C28-C250)	POLYOLEFIN AMIDE ALKENEAMINE BORATE (C28-C250)
108	聚烯烃酯 (C28-C250)	POLYOLEFIN ESTER (C28-C250)
109	聚乙烯聚胺 (C5-C20 石蜡 50%以上)	POLYETHYLENE POLYAMINES (more than 50% C5 -C20 paraffin oil)

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110	聚异丁烯 (分子量 \leq 224)	POLYISOBUTYLENE(MW \leq 224)
111	可可脂	COCOA BUTTER
112	矿物油	PETROLATUM
113	葵花籽油	SUNFLOWER SEED OIL
114	链烯酸硼酸化聚羟基酯	ALKENOIC ACID, POLYHYDROXY ESTER BORATED
115	邻苯二甲酸 (二) 十三烷基酯	DITRIDECYL PHTHALATE
116	邻苯二甲酸 (二) 十一烷基酯	DIUNDECYL PHTHALATE
117	邻苯二甲酸二庚酯	DIHEPTYL PHTHALATE
118	邻苯二甲酸二己酯	DIHEXYL PHTHALATE
119	邻苯二甲酸二壬酯	DINONYL PHTHALATE
120	邻苯二甲酸二辛酯	DIOCTYL PHTHALATE
121	邻苯二甲酸二异辛酯	DIISOCTYL PHTHALATE
122	磷酸三丁脂	TRIBUTYL PHOSPHATE
123	硫烃 (C3-C88)	SULPHOHYDROCARBON (C3-C88)
124	麻疯树油	JATROPHA OIL
125	芒果核油	MANGO KERNEL OIL
126	米糠油	RICE BRAN OIL
127	棉籽油	COTTON SEED OIL
128	牛油果油	SHEA BUTTER
129	α -蒎烯	alpha-PINENE
130	β -蒎烯	beta-PINENE
131	葡萄籽油	GRAPE SEED OIL
132	壬醇 (所有异构体)	NONYL ALCOHOL (all isomers)
133	壬基酚	NONYLPHENOL
134	壬酸 (所有异构体)	NONANOIC ACID (all isomers)
135	2,2,4-三甲基-1,3-戊二醇 -1-异丁酸酯	2,2,4-TRIMETHYL-1,3-PENTAN EDIOL-1-ISOBUTYRATE

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136	2,2,4-三甲基-1,3-戊二醇二异丁酸酯	2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE
137	三甲基乙酸	TRIMETHYLACETIC ACID
138	C10 三烷基乙酸缩水甘油酯	GLYCIDYL ESTER OF C10 TRIALKYLACETIC ACID
139	三乙基苯	TRIETHYLBENZENE
140	十二烷 (所有异构体)	DODECANE (all isomers)
141	十二烷基胺/十四烷基胺混合物	DODECYLAMINE/TETRADECYLAMINE MIXTURE
142	十二烷基苯	DODECYLBENZENE
143	十二烷基苯酚	DODECYL PHENOL
144	十二烷基醇	DODECYL ALCOHOL
145	十二烷基二甲苯	DODECYL XYLENE
146	十二烷酸	LAURIC ACID
147	1-十二烯	1-DODECENE
148	十二烯 (所有异构体)	DODECENE (all isomers)
149	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
150	十氢化萘	DECAHYDRONAPHTHALENE
151	十三酸	TRIDECANOIC ACID
152	十三烷	TRIDECANE
153	十三烷基乙酸酯	TRIDECYL ACETATE
154	十一醇	UNDECYL ALCOHOL
155	1-十一碳烯	1-UNDECENE
156	十一烷酸	UNDECANOIC ACID
157	石蜡	PARAFFIN WAX
158	石蜡	WAXES
159	石蜡, 半精炼的	PARAFFIN WAX, SEMI-REFINED
160	石蜡, 精炼的	PARAFFIN WAX,

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		HIGHLY-REFINED
161	石油溶剂, 低 (15-20%) 芳香族化合物	WHITE SPIRIT, LOW (15-20%) AROMATIC
162	叔十二烷硫醇	tert-DODECANETHIOL
163	双十三烷基己二酸酯	DITRIDECYL ADIPATE
164	四甲苯 (所有异构体)	TETRAMETHYLBENZENE (all isomers)
165	四聚丙烯	PROPYLENE TETRAMER
166	四氢化萘	TETRAHYDRONAPHTHALEN E
167	松油	PINE OIL
168	烃蜡	HYDROCARBON WAX
169	桐油	TUNG OIL
170	妥尔油, 粗制的	TALL OIL, CRUDE
171	妥尔油, 提炼的	TALL OIL, DISTILLED
172	妥尔油肥皂, 粗制的	TALL OIL SOAP, CRUDE
173	妥尔油沥青	TALL OIL PITCH
174	妥尔油脂肪酸 (树脂酸 20%以下)	TALL OIL FATTY ACID (resin acids less than 20%)
175	妥尔油脂肪酸/亚油酸二聚体/多乙烯多 胺/石脑油中的十二烷基苯磺酸复合物/ 异丙醇	TALL OIL ACIDS/LINOLEIC ACIDDIMER/POLYALKYLENE POLYAMINES/DODECYLBEN ZENESULPHONIC ACID COMPLEXES IN

		NAPHTHA/ISOPROPANOL
176	妥尔油脂肪酸反应产物与三乙醇胺	TALL OIL ACIDS REACTION PRODUCTS WITH TRIETHANOLAMINE
177	烷芳基二硫代磷酸锌 (C7-C16)	ZINC ALKARYL DITHIOPHOSPHATE (C7-C16)

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178	烷基 (C7-C9) 硝酸酯	ALKYL (C7-C9) NITRATES
179	烷基 (C10-C20, 饱和及不饱和) 亚磷酸酯	ALKYL (C10-C20, SATURATED AND UNSATURATED) PHOSPHITE
180	烷基 (C10-C28) 水杨酸钙	CALCIUM ALKYL (C10-C28) SALICYLATE
181	烷基 (C12+) 二甲胺	ALKYL (C12+) DIMETHYLAMINE
182	烷基 (C18+) 甲苯	ALKYL (C18+) TOLUENES
183	烷基 (C18-C28) 甲苯磺酸	ALKYL(C18-C28)TOLUENESULFONIC ACID
184	烷基 (C18-C28) 甲苯磺酸, 钙盐, 低碱性的	ALKYL (C18-C28) TOLUENESULFONIC ACID, CALCIUM SALTS, LOW OVERBASE
185	烷基 (C2-C4) 苯中的聚烯烃胺	POLYOLEFINAMINE IN ALKYL (C2-C4) BENZENES
186	烷基 (C5-C8) 苯	ALKYL (C5-C8) BENZENES
187	烷基 (C9+) 苯	ALKYL(C9+)BENZENES
188	烷基苯混合物 (含萘)	ALKYLBENZENES MIXTURES (CONTAINING NAPHTHALENE)
189	烷基苯蒸馏物	ALKYL BENZENE DISTILLATION BOTTOMS
190	烷基化 (C4-C9) 受阻酚	ALKYLATED (C4-C9) HINDERED PHENOLS
191	烷基化二苯胺	DIPHENYLAMINES, ALKYLATED
192	烷基酯共聚物 (C4-C20)	ALKYL ESTER COPOLYMER (C4-C20)
193	烷烃类(C10-C17), 直链和支链的	ALKANES (C10-C17), LINEAR AND BRANCHED

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194	烷烃类 (C10-C26), 直链和支链的 (闪点 >60°C)	ALKANES (C10-C26), LINEAR and BRANCHED, (FLASHPOINT >60°C)
195	烷烃类(C10-C26), 直链和支链的 (闪点 ≤60°C)	ALKANES (C10-C26), LINEAR AND BRANCHED (FLASHPOINT ≤60°C)
196	雾衣草脂油	ILLIPE OIL
197	烯基 (C11+) 胺基化合物	ALKENYL (C11+) AMIDE
198	烯基碳酰胺锌	ZINC ALKENYL CARBOXAMIDE
199	烯烃 (C13+, 所有异构体)	OLEFINS (C13+, all isomers)
200	烯烃-烷基酯共聚物 (分子量 2000+)	OLEFIN-ALKYL ESTER COPOLYMER (molecular weight 2000+)
201	辛醇 (所有异构体)	OCTANOL (all isomers)
202	辛醛	OCTYL ALDEHYDES
203	辛酸 (所有异构体)	OCTANOIC ACID (all isomers)
204	新癸酸	NEODECANOIC ACID
205	新癸酸乙烯酯	VINYL NEODECANOATE
206	亚麻荠油	CAMELINA OIL
207	亚麻籽油	LINSEED OIL
208	腰果壳油 (未处理)	CASHEW NUT SHELL OIL (untreated)
209	椰子油	COCONUT OIL
210	椰子油脂肪酸	COCONUT OIL FATTY ACID
211	椰子油脂肪酸甲酯	COCONUT OIL FATTY ACID METHYL ESTER
212	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
213	2-乙基-3-丙基丙烯醛	2-ETHYL-3-PROPYLACROLEIN
214	S-乙基二丙硫代氨基甲酸酯	s-ETHYL DIPROPYLTHIOCARBAMATE
215	乙基甲苯	ETHYL TOLUENE

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216	乙酸庚酯	HEPTYL ACETATE
217	乙烯基甲苯	VINYLTOLUENE
218	乙氧基化动物脂胺 (> 95%)	ETHOXYLATED TALLOW AMINE (> 95%)
219	乙氧基化长链 (C16+) 烷氧基烷基胺	ETHOXYLATED LONG CHAIN (C16+) ALKYOXYALKYLAMINE
220	异烷烃类与环烷类 (C10-C11)	ISO- AND CYCLO-ALKANES (C10-C11)
221	油酸	OLEIC ACID
222	油酰胺	OLEYLAMINE
223	鱼油	FISH OIL
224	玉米油	CORN OIL
225	月桂烯	MYRCENE
226	长链 (C17+) 烷酸铜盐	COPPER SALT OF LONG CHAIN (C17+) ALKANOIC ACID
227	长链烷基磺酸 (C16-C60)	LONG-CHAIN ALKARYL SULPHONIC ACID (C16-C60)
228	长链烷基磺酸镁 (C11-C50)	MAGNESIUM LONG-CHAIN ALKARYL SULPHONATE (C11-C50)
229	长链烷基聚醚 (C11-C20)	LONG-CHAIN ALKARYL POLYETHER (C11-C20)
230	长链烷基 (C11-C40) 苯酚钙	CALCIUM LONG-CHAIN ALKYL (C11-C40) PHENATE
231	长链烷基苯酚 (C14-C18)	LONG-CHAIN ALKYLPHENOL (C14-C18)
232	长链烷基苯酚 (C18-C30)	LONG-CHAIN ALKYLPHENOL (C18-C30)
233	长链烷基苯酚硫化钙 (C8-C40)	CALCIUM LONG-CHAIN ALKYL PHENATE SULPHIDE (C8-C40)
234	长链烷基酚盐/硫化苯酚混合物	LONG-CHAIN ALKYLPHENATE/PHENOL

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		SULPHIDE MIXTURE
235	长链烷基水杨酸钙 (C13+)	CALCIUM LONG-CHAIN ALKYL SALICYLATE (C13+)
236	长链烷基水杨酸钙 (C18-C28)	CALCIUM LONG-CHAIN ALKYL (C18-C28) SALICYLATE
237	正十二硫醇	n-DODECYL MERCAPTAN
238	正-烷烃类 (C10+)	n-ALKANES (C10+)
239	正烷烃类 (C10-C20)	n-ALKANES (C10-C20)
240	正烷烃类 (C9-C11)	n-ALKANES (C9-C11)
241	正辛硫醇	n-OCTYL MERCAPTAN
242	脂肪酸 (饱和的 C13+)	FATTY ACID (SATURATED C13+)
243	脂肪酸, (C12+)	FATTY ACIDS, (C12+)
244	脂肪酸, (C16+)	FATTY ACIDS, (C16+)
245	脂肪酸, (C8-C10)	FATTY ACIDS, (C8-C10)
246	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
247	脂肪酸甲酯	FATTY ACID METHYL ESTERS (m)
248	脂肪烃中 (聚异丁烯) 胺基产品	(POLYISOBUTENE) AMINO PRODUCTS IN ALIPHATIC HYDROCARBONS
249	植物酸油	VEGETABLE ACID OILS (m)
250	植物脂肪酸馏出物(m)	VEGETABLE FATTY ACID DISTILLATES (m)
251	猪油	LARD
252	棕榈仁酸油	PALM KERNEL ACID OIL
253	棕榈仁硬脂精	PALM KERNEL STEARIN
254	棕榈仁油	PALM KERNEL OIL
255	棕榈仁油脂	PALM KERNEL OLEIN
256	棕榈仁脂肪酸馏出物	PALM KERNEL FATTY ACID DISTILLATE
257	棕榈酸油	PALM ACID OIL
258	棕榈硬脂精	PALM STEARIN

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259	棕榈油	PALM OIL
260	棕榈油精	PALM OLEIN
261	棕榈油脂肪酸甲酯	PALM OIL FATTY ACID METHYL ESTER
262	棕榈脂肪酸馏出物	PALM FATTY ACID DISTILLATE
263	棕榈中间馏出物	PALM MID-FRACTION

Bulk persistent oils in this catalogue are from 1973 countries as amended by the 1978 Protocol. Crude oil, fuel oil, heavy diesel oil and lubrication listed in Annex I to the International Convention for the Prevention of Pollution from Ships Oils and other oils. Except for gasoline, light diesel oil and kerosene, whether other oils are non-persistent oils or not requires The classification of non-persistent oils is based on the International Oil Pollution Fund classification criteria.

Note: At 340 C, the evaporation of fractions is not less than 50% of the total volume of hydrocarbons. The evaporation of the fraction is not less than 95% of the total volume of hydrocarbons at 370 C. Complying with ASTM D86 of American Inspection Association or national standard GB/T 6536 "Petroleum products and liquids" The oils determined in the Standard Test Method for Atmospheric Distillation of Body Fuels are regarded as non-persistent oils.



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