



Ref. T5/5.01

MEPC.2/Circ.5
17 December 1999

PROVISIONAL CATEGORIZATION OF LIQUID SUBSTANCES

1 Introduction

This circular is issued in accordance with regulation 3(4) of Annex II to MARPOL 73/78 and subparagraph 2A.1.8 of its unified interpretation, replacing all previously issued circulars under this title.

2 Lists of annexes

Annexes 1 to 4 provide lists of noxious liquid substances (NLS) with associated categories and minimum carriage requirements which have been established through Tripartite Agreements and registered with the Secretariat in accordance with the regulation and unified interpretation referred to above. Annexes 5 to 11 are intended to facilitate the reporting of Tripartite Agreements and the interpretation of abbreviations used in annexes 1 to 4.

- annex 1:** List 1: Pure or technically pure substances;
- annex 2:** List 2: Pollutant only mixtures classified by calculation or assessed as a mixture;
- annex 3:** List 3: Trade-named substances with safety hazards;
- annex 4:** List 4: Pollutant only mixtures with >3% unassessed components;
- annex 5:** Country abbreviations (Part 1: Code/Country; Part 2: Country/Code);
- annex 6:** Oil-like substances;
- annex 7:** Substances not shipped in pure form but as components in mixtures;
- annex 8:** Tripartite contact addresses;
- annex 9:** Manufacturers authorized to conduct pollutant-only assessments by calculation;
- annex 10:** Lube-oil additives; and
- annex 11:** Hydrocarbon families.

3 Observations related to the annexes

3.1 Language

As seen in the lists, most products are trade-named substances under N.O.S. entries. Since tradenames are not translated, the products are entered as notified and the lists are issued in English only.

3.2 Country Codes

While the list of country abbreviations is based for the most part on the telex abbreviation for each country, certain countries, for example, Liberia, Panama and the United States, are listed differently as LI, PA and US. Since the lists have been issued previously using these abbreviations, it is considered advisable to keep those same abbreviations. These codes are listed in annex 5: Part 1 of that annex showing Code/Country and Part 2 showing Country/Code.

3.3 Shading

Amendments to the Tripartite Lists (annexes 1 to 4) are identified by shading the field in which the change has been made.

4 Notification of new entries

4.1 Guidelines for the provisional assessment of liquids transported in bulk are set out in MEPC/Circ.265 of 6 April 1993. When notifying the Secretariat of any provisional assessment made under Tripartite Agreement, Administrations are requested to:

- .1 specify whether in list 1, 2, 3 or 4; and**
- .2 provide all relevant data to be included in the circular.**

4.2 As the majority of products notified are classified by the calculation method and are candidates for list 2, it is particularly important to provide the information to IMO in a format that will facilitate efficient and accurate transfer to the database used to generate the various lists included in this circular.

4.3 For hard copies, the preferred method is to notify one product per page in the following format:

Reporting Country	:
Manufacturer	:
Tradename	:
List Number	:
Contains Name	:
Pollution Category	(Cat) :
Ship Type	(ST) :
N.O.S Number	:
Melting Point (°C)	(Mpt) :
Flash Point (°C)	(Fpt) :
Viscosity @ 20 °C(mPa.s)	(V ₂₀) :

4.4 Alternatively, if several products are being notified together, a table produced in the following format would be acceptable:

Rep. Country	Manufacturer	Tradename	List No.	Contains	Cat	ST	nos	Mpt °C	Fpt °C	V ₂₀ mPa.s

Note: While this table may appear to be cramped, use of landscape format would solve the problem.

Note: Incomplete data on a substance will result in the entry for its provisional assessment being delayed while the application is returned to the originator.

4.5 For products being notified as candidates for Lists 1, 3 or 4, the format shown in annex 7 to MEPC/Circ.265 is preferred.

4.6 While stressing the importance of correct data being supplied to the Secretariat, it should be noted in particular that, when proposing a product for lists 2 and 4, the component responsible for the greatest pollution potential, following the word “Contains” in the Shipping Name, should be identified. Such component is that with the highest value obtained from % x pollution factor. In the event of there being more than one component with equal highest scores, discretion may be used in deciding whether one or both should be identified (see MEPC/Circ.265). The name of the substance should be one of those appearing in chapters 17 or 18 of the IBC Code or those in lists 1 or 7 of this circular.

4.7 It should also be pointed out that it is essential that the proper technical name be used for the purposes of shipping documentation. When shipping a pollution hazard only mixture, the appropriate n.o.s. entry in the IBC Code, together with the tradename and substance contained, would form the proper shipping name. For example if the trade name is IMO 1234 and it contains “Zinc alkyl dithiophosphate (C3-C14)” as the component with the greatest pollution potential, then the correct shipping name would be:

Noxious liquid, N.F., (15) n.o.s. (IMO 1234 contains Zinc alkyl dithiophosphate (C3-C14)), S.T. 3, Cat. C

4.8 The Master of a type 3 ship certified fit to carry n.o.s. 15 products would then know that he can accept the cargo without concern as to fire, toxicity and other safety hazards and that, in the event of an accidental spill, he could report the name of the substance responsible for the pollution to the coastal State authorities.

5 Tripartite contact addresses

5.1 The IMO Secretariat is constantly being asked for additional addresses for focal points dealing with Tripartites within Administrations. It would therefore be appreciated if Administrations could verify that information included in annex 8 of this circular is correct and supply any useful additional information, for example, e-mail addresses. The Secretariat has only been supplied with the addresses listed, those Administrations not as yet having supplied any focal point address are therefore requested to do so.

IMO Tripartite Agreement List 1 - Pure and technically pure substances
Potential entries to the IBC Code

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I''	I'''	J	K	L	M	N	O
1-(4-Chlorophenyl)-4,4- dimethyl-pentan-3-one	D	All countries	23/09/96	None	B	P	3	2G	Open	No			Yes	O	No	ABD	No	15.19.6, 16.2.6, 16.2.9, 16A.2.2	
(cis-, trans-) 3,7-Dimethyl-2,6-Octadien-1-ol	US	LI, N, PA, G	08/05/96	17/12/00	C	P	3	2G	Open	No			Yes	Open	No	A	No	16.2.7, 16.2.8	
Copper salt of long chain (C17+) alkanolic acid	US	All countries	06/07/98	17/12/00	[D]		NA												
Dialkyl (C8-C9) diphenylamines	US	All countries	23/09/96	None	D		NA												
2,4-Di-tert-butylphenol	US	B, LI, PA	23/07/97	17/12/00	A	S/P	2	2G	Open	No			Yes	O	No	A	No	15.19.6	
2,6-Di-tert-butylphenol	US	B, LI, PA	23/07/97	17/12/00	A	S/P	2	2G	Open	No			Yes	O	No	A	No	15.19.6	
Diethylaminoethanol		All countries		None	C	S/P	3	2G	Cont	No	T2	IIA	No	R	F-T	A,C	N1	No	15.19.6
Diethylene glycol dibenzoate (technical)	US	BS, GR, LI, NL, N, PA, VQ, G	26/05/99	17/12/02	[D]		NA												
1,4-Dihydro-9,10-dihydroxyanthracene, disodium salt solution		All countries		None	D		NA												
Diisobutylene				None	B	P	3	2G	Cont	No			No	R	F	A	No	15.19.6	
3-Dimethylaminopropylamine	NL		13/04/99	17/12/02	C	S/P	3	2G	Cont	No			No	C	F	A, C	N1	E	15.12.2, 15.12.3, 15.19
Dimethyl disulphide	F	B, N, US	26/10/99	17/12/02	B	S/P	2	2G	Cont	No	T2		No	C	F-T	A	N2	E	15.12, 15.17, 15.19
N,N-Dimethyldodecylamine	J	All Countries	06/07/98	None	A	S/P	1	2G	Open	No			Yes	O	No	B	N4	No	15.19
2,2-Dimethylpropane-1,3-diol (molten or solution)		All countries		None	D		NA												
Diphenylamine (molten)	US	All countries	06/07/98	None	B	P	3	2G	Open	No			Yes	O	No	B,D	N4	No	15.19.6, 16.2.9, 16A.2.2
Dipropylene glycol dibenzoate	US	NL, BS, B, LI, N, PA, G, GR, VQ	03/03/99	17/12/02	[D]		NA												
Dithiocarbamate ester (C7-C35)	US	All countries	06/07/98	None	A	P	2	2G	Open	No			Yes	O	No	AD	No	15.19.6	
tert-Dodecanethiol	US	B, NL, N, BS, GR, LI, PA, CN	27/05/98	17/12/01	A	P	2	2G	Cont	No			Yes	R	No	No	No	15.19.6	
Dodecenyphenolpolypropylene glycol	G	I, GR, DK, BS	09/12/99	17/12/00	D		NA												
Dodecyl hydroxypropyl sulphide	US	All countries	23/09/96	None	A	P	1	2G	Open	No			Yes	O	No	A	No	15.19	
Dodecyl/Octadecyl methacrylate (mixture)	D	All countries	01/08/91	None	D	S	3	2G	Open	No			Yes	R	No	A,D	N4	No	15.13, 16.6.1, 16.6.2
Dodecyl-, Tetradecyl-, Hexadecyl-dimethylamine mixture	US	B, LI, NL, N, G	10/06/99	17/12/02	A	S/P	2	2G	Open	No			Yes	Open	No	B, C, D	N4	No	15.19.6
Ethoxylated long chain (C16+) alkyloxyalkylamine	US	All countries	21/04/95	None	D		NA												
Ethoxylated tallow amine, glycol mixture	US	AA, N	10/05/99	17/12/02	B	S/P	2	2G	Open	No			Yes	Open	No	A, C, D	N1	No	15.12.1, 15.16.1, 15.19.6
Ethyl tert-butyl ether	US	All countries	04/02/93	None	C	P	3	2G	Cont	No			No	R	F	A	No	15.19.6	
S-Ethyl dipropylthiocarbamate	US	All countries	07/04/97	None	C	P	3	2G	Open	No			Yes	Open	No	A	No		
N-Ethylmethylallylamine	US	NL, BS, B, I, LI, PA, RS, NL	16/10/98	17/12/01	B	S/P	2	2G	Cont	No			No	C	F	A	N1	E	15.19
Glycolic acid	US	BS, B, LI, N, PA, RS	10/01/97	17/12/00	D		NA												
Glyoxylic acid solution (50 % or less)	F	All countries	27/03/95	None	D	S	3	2G	Open	No			Yes	O	No	ACD	Y5	No	15.11.2-15.11.4, 15.11.6-15.11.8, 15.16.1, 16.6.1 to 16.6.3

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I''	I'''	J	K	L	M	N	O
Glyphosate solution (not containing surfactant)	US	All countries	21/05/95	None	D		NA												
1-Hexadecylnaphthalene / 1,4-bis(hexadecyl)naphthalene mixture	US	All countries	06/07/98	None	III		NA												
Hexamethylenediamine (molten)	G	All countries	01/07/92	None	C	S/P	2	2G	Cont	No			Yes	C	T	C	N1	E	15.12, 15.17, 15.18, 15.19.6, 16.2.7, 16.2.9
Hexamethylene diisocyanate	D	All countries	01/11/95	None	B	S/P	2	1G	Cont	Dry	T1	IIB	Yes	C	T	A, C(c), D	Y4	E	15.12, 15.17, 15.16.2, 15.18, 15.19
Isobutyric acid	D	NL, US, B, N	21/12/98	17/12/02	D	S	2	2G	C	No				C	T	A, C	Y5	E	15.11.2 to 15.11.4, 15.11.6 to 15.11.8, 15.16.1, 15.17, 15.19
Lecithin	US	All countries	21/07/93	None	III		NA												
L-Lysine solution (60% in water)	US	All countries	01/05/97	None	D		NA												
Magnesium nitrate solution (66.7%)	US	BS, LI, N, PA, RS, VC	31/12/97	17/12/01	D		NA												
2-Methyl-1,3-propanediol	US	All countries	07/12/95	None	III		NA												
3-(methylthio)propionaldehyde	D+B	All countries	06/07/98	None	B	S/P	3	2G	Cont	No	T3	IIA	Yes	C	T	BC	Y5	E	15.12, 15.17, 15.19
Microsilica slurry	US	BS, LI, NL, N, PA	08/12/98	17/12/01	III		NA												
Nitroethane	US	All countries	06/07/98	None	D	S	3	2G	Cont	No		IIB	No	R	F-T	A(u)	N4	No	15.16.1, 15.19.6, 16.6.1, 16.6.2, 16.6.4
Nitroethane, 1-Nitropropane (each 15% or more) mixture	US	All countries	07/12/95	None	(D)	S	3	2G	Cont	No			No	R	F-T	A(u)	N4	No	15.16.1, 15.19.6, 16.6.1 to 16.6.3
Nonylphenol poly(4+)ethoxylate	NL	All countries	19/02/92	None	B	P	3	2G	Open	No			Yes	O	No	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2(aa)
Paraldehyde-ammonia reaction product	US	All countries	07/06/98	None	C	S/P	2	2G	Cont	No			No	C	F-T	A	N1	No	15.12.3, 15.19
n-Pentanoic acid (64%)/2-Methyl butyric acid (36%) mixture	US	All countries	07/12/95	None	D	S	2	2G	Open	No	T2		Yes	C	No	A,D	Y1	No	15.11.2, to 15.11.4, 15.11.6 to 15.11.8, 15.12.3, 15.19
Phosphate esters, alkyl (C12-C14) amine	US	All countries	23/09/96	None	B	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
Piperazine, Amine solution	US	IN, MW, VQ, D, LI, NL, N, G, BS, PA, RS	19/05/99	17/12/02	C	S/P	2	2G	Cont	No			Nf	R	T	A	N2	No	15.19.6, 16.2.7, 16.2.9
Polyalkyl (C10-C20) methacrylate	D	All countries	21/09/94	None	D		NA												
Polyalkyl (C10-C18) methacrylate/ethylene-propylene copolymer mixture	D	All countries	28/09/98	17/12/00	[D]		NA												
Polyether glycol (mw 1350-1450)	US	BS, K, NL, N, LI, PA, RS	04/02/97	17/12/00	B	P	3	2G	Open	No			Yes	Open	No	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Polyether glycol (mw 1900-2100)	US	BS, K, NL, N, LI, PA, RS	04/02/97	17/12/00	B	P	3	2G	Open	No			Yes	Open	No	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Polyether glycol (mw 2825-2975)	US	BS, K, NL, N, LI, PA, RS	04/02/97	17/12/00	B		3	2G	Open	No			Yes	Open	No	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Polyether glycol (mw 600-700)	US	BS, K, NL, N, LI, PA, RS	04/02/97	17/12/00	B	P	3	2G	Open	No			Yes	Open	No	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Polyethylene terephthalate polyester polyol	US	BS, B, LI, N, RS	30/09/97	17/12/00	D		NA												
Polyisobutenamine in aliphatic (C10-C14) solvent	NL	All countries	06/07/98	None	C	P	3	2G	Open	No	T3	IIA	Yes	O	No	A		No	16.2.8

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I''	I'''	J	K	L	M	N	O
Polyisobutenyl anhydride adduct	US	All countries	23/09/96	None	III		NA												
Polyolefin amide alkeneamine (C17+)	US	All countries	03/03/94	None	D		NA												
Polyolefinamine (C28-C250)	US	All countries	06/09/94	None	C	P	3	2G	Open	No			Yes	O	No	A		No	
Polyolefin aminoester salt	US	All countries	06/07/98	17/12/00	(C)	P	3	2G	Open	No			Yes	O	No	A		No	16.2.7, 16.2.8
Poly(tetramethylene ether)glycols (mw 950-1050)	US	All countries	06/07/98	None	B	P	3	2G	Open	No			Yes	O	No	AD		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Potassium salt of polyolefin acid	G	All countries	07/02/95	None	III														
Potassium thiosulphate (50% or less)	US	All countries	13/10/97	None	C	P	3	2G	Open	No			Nf	O	No	No		No	
Propylene carbonate	US	All countries	06/07/98	None	III		NA												
Propylene glycol phenyl ether	US	All countries	31/07/92	None	D	P	NA												
Pygas	G	All countries	13/10/97	17/12/00	B	S/P	3	2G	Cont	No	T1	IIA	No	C	F-T	A,B		No	15.12.1, 15.17, 15.19.6, 16.29
Sodium hydroxide solution in polypropylene glycols	NL	US	18/03/98	17/12/01	D	S	3	2G	Open	No			Yes	O	No	No	N8	No	
Sorbitan monooleate	G	US, NL, N, SA	17/12/97	17/12/01	III		NA												
Sulphonated polyacrylate solution	US	All countries	17/04/89	None	D		NA												
Sulphurized fat (C14-C20)	US	All countries	23/09/96	None	D		NA												
Sulphurized polyolefinamide alkene (C28-C250) amine	US	All countries	23/09/96	None	D		NA												
Titanium dioxide slurry	US	All countries	23/09/96	None	III		NA												
1,2,3-Trichlorobenzene (molten)	US	All countries	06/07/98	None	A	S/P	1	2G	Cont	No			Yes	C	T	A, C, D		E	15.12.1, 15.17, 15.19, 16.2.9
Triethylene glycol dibenzoate (technical)	US	BS, GR, LI, NL, N, PA, VQ, G	29/03/99	17/12/02	[D]		NA												
Triethylphosphite				None	B	S/P	3	2G	Cont	No			No	R	F-T	A,B		No	15.12.1, 15.19.6
Xylenes/ethylbenzene (10% or more) mixture	G	All countries	13/10/97	None	B	P	3	2G	Cont	No			No	R	F	A		No	15.19.6

IMO Tripartite Agreement List 2

Pollutant only mixtures, classified by calculation or assessed as a whole

Tradename	n.o.s.	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Acropol 91	11	Nonyl alcohol and Undecyl alcohol	US	11/07/89	B	3		Exxon
ADIBIS 1664B	15	Zinc alkyl dithiophosphate (C3-C14)	US	30/06/99	C	3	High viscosity	Lubrizol
ADX 1175A	11	Zinc alkyl dithiophosphate (C3-C14)	G	03/10/95	B	3	High viscosity	Bp
ADX 1175B	11	Zinc alkyl dithiophosphate (C3-C14)	G	05/10/95	B	3	High viscosity	Bp
ADX 1667	15	Zinc alkyl dithiophosphate (C3-C14)	G	05/10/95	C	3	High viscosity	Bp
AL 304	18	Alkyl (C9+) benzenes	US	06/07/89	III	NA		Chevron
AL 702	18	Alkyl(C9+)benzenes	US	03/01/95	III	NA		Chevron
AL 704	18	Alkyl(C9+)benzenes	US	03/01/95	III	NA		Chevron
AL 8379	11	Zinc alkyl dithiophosphate	US	18/10/99	B	3	High Viscosity	Lubrizol
ARCO GTBA/MTBE	17	Methyl tert-butyl ether	NL	27/10/97	D	NA		Arco
Arcol HS-40	17	Polyether (molecular weight 2000+)	US	28/10/99	D	NA		Arco
Arcol Polyol E-1717	17	Polyether (molecular weight 2000+)	US	28/10/99	D	NA		Arco
Arcol Polyol E-777	17	Polyether (molecular weight 2000+)	US	28/10/99	D	NA		Arco
Aromatic Stream C9-C10	7	Aromatics (C9+)	G		B	2		Shell
AS 304	17	Long chain alkaryl sulfonic acid (C16-C60)	US	26/03/90	D	NA		Chevron
AS 584	17	Long chain alkaryl sulfonic acid (C18-C60)	US		D	NA		Chevron
AS 584D	17	Long chain alkaryl sulfonic acid (C18-C60)	US		D	NA		Chevron
AS-AN solution	17	Ammonium nitrate/Ammonium sulphate	B	24/04/98	D	NA		Dsm
ASD 20	16	Mineral oil	NL	02/01/89	C	3		Shell
ASD 40	16	Xylenes	NL	29/12/88	C	3		Shell
BE 95 SE	16	Alkanes (C6-C9)	SF	21/11/97	C	3		Neste Oy
Biodiesel	17	Rapeseed oil methyl ester	B	20/12/94	D	NA		
BOC 6654	15	Zinc alkyl dithiophosphate (C3-C14)	US	18/10/99	C	3	High Viscosity	Lubrizol
BPT 1168	15	Zinc alkyl dithiophosphate (C3-C14)	US	21/01/93	C	3		Chevron
BPT 900	11	Zinc alkyl dithiophosphate (C3-C14)	US	13/08/87	B	3	High viscosity	Chevron
BPT 939	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
Brake Fluid 38	17	Brake fluid base mix	G	09/04/87	D	NA		Shell
Brake Fluid 401	17	Brake fluid base mix	NL	09/04/87	D	NA		Shell
Brake Fluid 450	17	Brake fluid base mix	G	29/07/94	D	NA		Shell
Brake Fluid Base 41	17	Brake fluid base mix	NL	13/04/92	D	NA		Shell
Brake fluid base 49	17	Brake fluid mix	NL	26/01/99	D	NA		Shell
Brake Fluid DOT 4	17	Brake fluid base mix	G	09/04/87	D	NA		Shell
C-400	17	Calcium long chain alkaryl sulphonate (C11-C50) in mineral oil	US		D	NA		Witco
C-45M	17	Calcium long chain alkaryl sulphonate (C11-C50) in mineral oil	US		D	NA		Witco
C1012 Olefin/Paraffin	11	Dodecene	US	18/05/94	B	3		Albemarle

IMO Tripartite Agreement List 2

Pollutant only mixtures, classified by calculation or assessed as a whole

Tradename	n.o.s.	Contains	Rep	Receive Date	Cat	ST	Remark	Company
C5 Dienes Crude	7	Pentadiene and Cyclopentadiene	NL	19/07/88	B	2		Dow
C5 Hydrocarbons	13	Hydrocarbons (C5)	G		B	3		ICI
CA 209	17	Polyolefin amide alkeneamine (C28+)	US	21/01/93	D	NA		Chevron
CA 302	11	Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	B	3	High viscosity	Lubrizol
CA 7003	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	17/06/93	D	NA		Chevron
CA 907	15	mineral oil	US	18/10/99	C	3	High Viscosity	Lubrizol
CA 925	17	Calcium long chain alkyl sulphonate (C11-C50)	US	25/11/99	D	NA		Lubrizol
Caltex code 599092	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
Caltex code 599145	17	Polyolefin amide alkeneamine (C28+)	US		D	NA		Chevron
Caltex code 599146	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
Caltex code 599150	17	Polyolefin amide alkeneamine (C28+)	US		D	NA		Chevron
Caltex code 599151	17	Calcium long chain alkyl sulphonate (C11-C50)	US		D	NA		Chevron
Caltex code 599152	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
Caltex code 599155	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
Caltex code 599161	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
Caltex code 599162	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
Caltex code 599168	17	Calcium long chain alkyl sulphonate (C11-C50)	US		D	NA		Chevron
Caltex code 599171	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
Caltex code 599174	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
Caltex code 599188	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
Caltex code 599192	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
Caltex code 599197	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
Caltex code 599201	11	Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
CALTEX CODE 599359	11	Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
Caromax 26	18	Alkyl (C9+) benzenes	G	02/11/99	III	NA		Carless
Caromax 28	18	Alkyl (C9+) benzenes	G	02/11/99	III	NA		Carless
CAS 29/75	18	Alkyl (C9+) benzenes	G	02/11/99	III	NA		Carless
Castrol 802A	17	Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
CF 2100	17	iso- and cyclo- alkenes (C10-C11)	B	01/11/98	D	NA		Exxon
CFX 2100	17	iso- and cyclo- alkenes (C10-C11)	B	01/11/98	D	NA		Exxon
CHEMADD 348L	17	Calcium long-chain alkyl sulphonate (C11-C50)	US	26/08/99	D	NA		Lubrizol
CHEMADD 528K	17	Calcium long-chain phenate sulphide	US	26/08/99	D	NA		Lubrizol
Clairsol 2000	18	n-Alkanes (C10+)	G	02/11/99	III	NA		Carless
Clairsol 440	17	n-alkanes (C10+) and poly (2+) cyclic aromatics	G	02/11/99	D	NA		Carless
Coatex M439/35A		Sodium poly(4+)acrylate solution	F	18/05/98	III	NA		Coatex

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Tradename	n.o.s.	Contains	Rep	Receive Date	Cat	ST	Remark	Company
CP 7003	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	17/06/93	D	NA		Chevron
CP 7053	15	Calcium long chain alkyl phenate sulphide (C8-C40) and Calcium long chain alkyl salicylate (C13+)	US	04/02/93	C	3		Chevron
Crude Alkylate	16	Benzene and mixtures having 1% benzene or more	G	09/12/91	C	3		Shell
CX 14M DIMER	11	Decene	US	06/08/94	B	3		Mobil
Cyclopolydimethylsiloxane	18	Cyclohexiloxane, Cyclopolydimethylsiloxane	G		III	NA		
Debenzanised Pygas	16	Toluene	G	29/10/87	C	3		ICI
Dibasic Esters	11	Dimethyl adipate	US	28/08/87	B	3		Dupont
Donax B	17	Brake fluid base mix	G	07/03/88	D	NA		Shell
Dow Chemical PC 16342	16	Toluene, Xylene and Ethyl benzene	US	18/12/92	C	3		Dow
ECA 10142M	10	Metal long chain alkyl acid salt	AA	12/01/89	A	3		Exxon
ECA 10843	15	Zinc alkyl dithiophosphate (C3-C14)	AA	12/01/89	C	3	High viscosity	Exxon
ECA 12419	10	Metal long chain alkyl acid salt	AA	12/01/89	A	3		Exxon
EF 50 180/230	17	iso- and cyclo- alkanes (C10-C11)	B	18/01/97	D	NA		Exxon
EF 60 II 190/240	18	Iso-and cyclo-alkanes (C12+)	B	19/10/93	III	NA		Exxon
EFD 250/0	15	Alkyl (C5-C8) benzenes	B	21/02/91	C	3		Exxon
EPAD 7083	11	Diphenylamines, alkylated and Zinc alkyl dithiophosphate (C3-C14)	US	01/02/93	B	3		Ethyl
Escaid 100	3	Alkyl (C5-C8) benzenes	B		A	2		Exxon
Escaid 110	15	Alkyl (C5-C8) benzenes	B		C	3		Exxon
Escaid 120	15	Alkyl (C5-C8) benzenes	B		C	3		Exxon
Exx-print B 9I D	18	Straight chain alkanes (C10-C20)	B		III	NA		Exxon
Exx-print H 70 A	11	Alkyl (C5-C8) benzenes	B		B	3		Exxon
Exx-print M 75 A	11	Alkyl (C5-C8) benzenes	B		B	3		Exxon
Exx-print T 76 A	18	Iso- and cyclo-Alkanes (C12+)	B	15/07/94	III	NA		Exxon
Exx-print T 82 A	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Exxal 13	11	Dodecyl alcohol	NL	05/12/95	B	3		Exxon
Exxal 9	11	Decyl alcohol	NL	05/12/95	B	3		Exxon
Exxsol D 100	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Exxsol D 100 S	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Exxsol D 110	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Exxsol D 120	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Exxsol D 140	18	Iso- and cyclo-Alkanes (C12+)	NL	03/01/91	III	NA		Exxon
Exxsol D 190/240	17	Iso- and cyclo-Alkanes (C10-C11)	B	19/10/93	D	NA		Exxon
Exxsol D 220/230	18	Iso- and cyclo-Alkanes (C12+)	B	06/02/90	III	NA		Exxon
Exxsol D 240/260	18	Iso- and cyclo-Alkanes (C12+)	B	30/08/90	III	NA		Exxon

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Exxsol D 30	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol D 40	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol D 50	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol D 60	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol D 70	17 Iso- and cyclo-Alkanes	B	19/10/93	D	NA		Exxon
Exxsol D 80	18 Iso- and cyclo-alkanes (C12+)	B		III	NA		Exxon
Exxsol D 80 HV	18 Iso- and cyclo-alkanes (C12+)	B	15/04/96	III			Exxon
Exxsol DSP 100/140	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol DSP 145/160	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol DSP 60/95 S	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol DSP 60/95 SH	16 Alkanes (C6-C9)	B		C	3		Exxon
Exxsol DSP 65/95	16 Alkanes (C6-C9)	B		C	3		Exxon
Fluid Base 57 DOT 4	17 Brake Fluid base mix	B	01/04/97	D	NA		Bp
Fluid base PC 2410	17 Brake Fluid base mix	B	01/04/97	D	NA		Bp
FRBZ 2221	12 Tall oil (crude and distilled)	US	23/11/93	B	3		Arizona
Gulf agent 1440	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
Gulf agent 1528-80	15 Polyolefin (mw 300+) in mineral oil	US		C	3	High viscosity	Chevron
Gulf agent 1676	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
Gulf agent 1730	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
Gulf agent 1731	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
Gulf agent 1732	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
HAN 8070	3 Poly(2+)cyclic aromatics	B		A	2		Exxon
HAN 8572	3 Poly(2+)cyclic aromatics	B	15/07/94	A	2		Exxon
Heavy Olefins	11 Olefin mixtures (C5-C15)	US	14/09/94	B	3		Exxon
Hexaplas 911P	17 Dinonyl phthalate	G		D	NA		ICI
Hexaplas C8N	18 Diisooctyl phthalate	G		III	NA		ICI
Hexaplas ON	17 Diisooctyl adipate	G		D	NA		ICI
Hexaplas OPN	17 Di-2-ethyl hexyl phthalate	G		D	NA		ICI
Hexene Dimate	11 Hexene and Nonene	US	14/01/92	B	3		Exxon
HiTEC 1103	15 Polyolefin phenolic amine (C28-C250)	US	19/10/93	C	3		Ethyl
HiTEC 1227	5 tertiary Butyl phenols	US	30/10/98	B	2	High viscosity, Solidifying	Ethyl
HiTEC 1278	15 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	C	3	High viscosity, Solidifying	Ethyl
HiTEC 1353	11 Zinc alkyl dithiophosphate (C3-C14)	US	09/07/96	B	3		Ethyl
HiTEC 1452	11 Diphenylamines, alkylated	US	09/07/96	B	3		Ethyl
HiTEC 1456	11 Diphenylamines, alkylated	US	09/07/96	B	3		Ethyl

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HiTEC 1457	11	Zinc alkyl dithiophosphate (C3-C14)	US	09/07/96	B	3		Ethyl
HiTEC 1904	17	Calcium long chain alkaryl sulphonate (C3-C14)	US	28/10/99	D	NA		Ethyl
HiTEC 1914	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	28/10/99	D	NA		Ethyl
HiTEC 1927	17	Polyolefin anhydride	US	28/10/99	D	NA		Ethyl
HiTEC 1930	17	Polyolefin anhydride	US	28/10/99	D	NA		Ethyl
HiTEC 1946	17	Polyolefin anhydride	US	28/10/99	D	NA		Ethyl
HiTEC 2725	11	Zinc alkyl dithiophosphate (C3-C14)	US	22/09/89	B	3		Ethyl
HiTEC 320	11	Sulphohydrocarbon long chain(C18+) alkylamine mixture	US	20/12/89	B	3		Ethyl
HiTEC 343	15	Mineral oil	US	12/03/99	C	3	High viscosity, Solidifying	Ethyl
HiTEC 388	11	Phosphate esters alkyl (C12-C14) amines	US	30/03/99	B	3	High viscosity, Solidifying	Ethyl
HiTEC 4035	5	Alkyl (C7-C9) nitrates	B	11/09/96	B	2	High viscosity	Ethyl
HiTEC 410	11	Diphenylamines, alkylated	US	30/03/99	B	3	High viscosity, Solidifying	Ethyl
HiTEC 4450	11	Diphenylamines, alkylated	B	11/09/96	B	3	High viscosity	Ethyl
HiTEC 4451	3	Poly (2+) cyclic aromatics	B	11/09/96	A	2	High viscosity	Ethyl
HiTEC 4728	11	Methylene bridged isobutenylated phenols	US	23/09/96	B	3		Ethyl
HiTEC 4733	1	2,6-ditert-butyl phenol	US	24/05/90	A	1		Ethyl
HiTEC 4782	5	Methylene bridged isobutylenated phenols	US	20/12/89	B	2	High viscosity	Ethyl
HiTEC 4909	13	Naphthalene	US	03/08/95	B	3		Ethyl
HiTEC 4961A	13	Naphthalene	US	03/08/95	B	3		Ethyl
HiTEC 4961M	13	Naphthalene	US	01/05/97	B	3	High viscosity, Solidifying	Ethyl
HiTEC 4987	10	Trimethyl benzene (all isomers)	US	28/05/99	A	3		Ethyl
HiTEC 4993	11	Naphthalene	US	15/03/94	B	3		Ethyl
HiTEC 4999	10	Trimethyl benzene (all isomers)	US	16/04/99	A	3		Ethyl
HiTEC 5701	17	Polyolefin (mw 300+)	US	28/10/99	D	NA		Ethyl
HiTEC 5725	17	Polyalkyl methacrylate (C1-C20)	US	28/10/99	D	NA		Ethyl
HiTEC 5747	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5748	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5752	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5766	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5767	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5772	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 5798	18	Polyolefin (mw 300+)	US	28/10/99	III	NA		Ethyl
HiTEC 611	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	08/11/89	D	NA		Ethyl
HiTEC 614	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	08/11/89	D	NA		Ethyl
HiTEC 6421	16	Mineral oil	US	30/07/99	C	3	High viscosity	Ethyl

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HiTEC 6423	16	Mineral oil	US	30/07/99	C	3	High viscosity	Ethyl
HiTEC 686	3	Calcium alkyl phenol sulphide, polyolefin phosphorosulphide mixture	US	31/10/94	A	2		Ethyl
HiTEC 7083	11	Diphenylamines, alkylated and Zinc alkyl dithiophosphate (C3-C14)	US	01/02/93	B	3		Ethyl
HiTEC 7133	17	Glycerol monooleate	US	13/01/95	D	NA		Ethyl
HiTEC 7197	11	Zinc alkyl dithiophosphate (C3-C14)	US	13/01/95	B	3		Ethyl
HiTEC 7476	17	Polyolefin amide alkeneamine borate (C28-C250)	US	23/09/96	D	NA		Ethyl
HiTEC 7505	3	Diphenylamines, alkylated	US	27/10/93	A	2		Ethyl
HiTEC 7560	17	Polyolefin phenolic amine (C28-C250)	US	23/09/96	D	NA		Ethyl
HiTEC 8025	11	Zinc alkyl dithiophosphate (C3-C14)	B	03/03/94	B	3		Ethyl
HiTEC 8054	11	Zinc alkyl dithiophosphate (C3-C14)	B	11/09/96	B	3	High viscosity	Ethyl
HiTEC 8100	5	Zinc alkyl dithiophosphate (C3-C14)	B	17/01/94	B	2	High viscosity	Ethyl
HiTEC 8101	5	2,6-Ditertiary butyl phenol	B	27/02/98	B	2	High viscosity	Ethyl
HiTEC 8483	11	Zinc alkyl dithiophosphate (C3-C14)	B	11/09/96	B	3	High viscosity	Ethyl
HiTEC 8543	11	Zinc alkyl dithiophosphate (C3-C14)	B	11/09/96	B	3	High viscosity	Ethyl
HiTEC 8544	11	Zinc alkyl dithiophosphate (C3-C14)	B	16/03/98	B	3	High viscosity	Ethyl
HiTEC 8546	11	Methylene bridged isobutylenated phenols	B	02/09/98	B	3	High viscosity	Ethyl
HiTEC 8576	5	2,6-Di-tert-butyl phenol	B	14/03/97	B	2	High viscosity	Ethyl
HiTEC 8610	5	Zinc alkyl dithiophosphate (C3-C14)	B	22/12/97	B	2	High viscosity	Ethyl
HiTEC 8680	5	2,6-ditert-Butyl phenol	B	15/05/97	B	2	High viscosity	Ethyl
HiTEC 9210	11	Zinc alkyl dithiophosphate (C3-C14)	US	11/05/99	B	3	High viscosity, Solidifying	Ethyl
HiTEC 9227A	11	Zinc alkyl dithiophosphate (C3-C14)	US	25/11/99	B	3	High viscosity, Solidifying	Ethyl
HiTEC 9229	11	Zinc alkyl dithiophosphate (C3-C14)	B	15/07/99	B	3	High viscosity	Ethyl
HiTEC 9230	15	Zinc alkyl dithiophosphate (C3-C14)	B	11/09/96	C	3	High viscosity	Ethyl
Ink Oil Solvent	15		US	16/07/99	C	3		Calumet
Isopar G	17	Iso- and cyclo-Alkanes (C10-C11)	B	05/10/89	D	NA		Exxon
Isopar H	17	Iso- and cyclo-Alkanes (C10-C11)	B		D	NA		Exxon
Isopar L	18	Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
ISOPAR M	17	Iso- and cyclo-alkanes (C12+)	B	30/11/93	D	NA		Exxon
Isorchem 113	18	Alkyl (C9+) benzenes	I	15/01/97	III	NA		Condea
Jayflex DINP	17	Dialkyl (C7-C13) phthalates	US	02/11/95	D	NA		Exxon
Kemelix H 610	5	Dimethylethylbenzene	G		B	2		ICI
Kortacid 0810	15	Decanoic acid	NL	08/05/91	C	3		Akzo
LAL2	17	Aryl polyolefin (C11-C50)	US	14/02/90	D	NA		Exxon
LEC-300 HV	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	08/01/92	D	NA		Witco
LIAV 200	16	Alkanes (C6-C9)	SF	21/11/97	C	3		Neste Oy

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LIAV 230	17 Cycloalkanes (C10-C11)	SF	21/11/97	D	NA		Neste Oy
LIAV 250	17 Cycloalkanes (C10-C11)	SF	21/11/97	D	NA		Neste Oy
LIAV 270	18 n-Alkanes (C10+)	SF	21/11/97	III	NA		Neste Oy
Lincol 6 + 10	11 Decylalcohol and Hexanol	D	26/04/95	B	3		Condea Chemie
Lincol 610	11 Decyl alcohol (all isomers)	US	10/11/94	B	3		Hiltveit
Lincol 610 H	11 Octanol 1 and Decanol 1	D	16/01/91	B	3		
Lincol 68	15 Hexanol and Decylalcohol	D	26/04/95	C	3		Condea Chemie
Lincol 810	11 Decanol 1	D	20/08/90	B	3		
Linevol 711	11 Decyl alcohol (all isomers)	G	21/12/94	B	3		Shell
Linevol 79	15 Heptanol	G	07/03/88	C	3		Shell
Linevol 911	11 n-Decyl alcohol	G	07/03/88	B	3		Shell
LIPO	15 Poly (2+) cyclic aromatics	SF	21/11/97	C	3		Neste Oy
LOA 110	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
LOA 234	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
LOA 365	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
LOA 488	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
LOA 859	11 Zinc alkyl dithiophosphate (C3-C14) and Polyolefin amide alkeneamine polyol	US	19/05/93	B	3		Chevron
LOA 959	11 Zinc alkyl dithiophosphate (C3-C14) and Polyolefin amide alkeneamine polyol	US	12/07/93	B	3		Chevron
LOA 963	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	B	3	High viscosity	Lubrizol
LUBAD 1006	11 Zinc alkyl dithiophosphate (C3-C14)	B	10/08/98	B	3	High viscosity	Shell
LUBAD 1053	15 Zinc alkyl dithiophosphate (C-3-C14)	US	16/07/99	C	3	High viscosity	Lubrizol
LUBAD 1062	11 Zinc alkyl dithiophosphate (C3-C14)	US	19/02/99	B	3	High viscosity	Lubrizol
LUBAD 153	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
Lubad 360	11 Zinc alkyl dithiophosphate (C3-C14)	G	09/04/87	B	3		Shell
LUBAD 365	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
Lubad 392	15 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	C	3		Shell
LUBAD 397	15 Zinc alkyl dithiophosphate (C3-C14)	G	09/04/87	C	3		Shell
LUBAD 408	15 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	C	3		Shell
LUBAD 416	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 432	15 Calcium long chain alkyl salicylate (13+)	G		C	3		Shell
LUBAD 435	17 Calcium long chain alkyl phenate sulphide (C8-C40)	G	15/09/87	D	NA		Shell
LUBAD 442	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 488	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron

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LUBAD 502	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 507	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 508	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 525	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
LUBAD 526	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
LUBAD 541	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
LUBAD 543	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
LUBAD 605	15 Calcium long chain alkyl salicylate (C13+)	NL	13/03/98	C	3	High viscosity	Shell
LUBAD 642	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
LUBAD 662	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
LUBAD 669	5 Zinc alkyl dithiophosphate (C3-C14)	B	16/02/98	B	2	High viscosity	
LUBAD 671	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
LUBAD 672	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
LUBAD 673	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
LUBAD 674	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
LUBAD 675	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
LUBAD 689	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/12/94	B	3		Shell
LUBAD 770	15 Zinc alkyl dithiophosphate (C3-C14)	NL	28/10/98	C	3	High viscosity	Shell
LUBAD 842	11 Zinc alkyl dithiophosphate (C3-C14)	NL	03/10/96	B	3	High viscosity	Shell
LUBAD 906	11 Zinc alkyl dithiophosphate (C3-C14)	NL	19/02/98	B	3	High viscosity	Shell
LUBAD 908	15 Zinc alkyl dithiophosphate (C3-C14)	NL	21/05/97	C	3	High viscosity	Shell
LUBAD 909	5 Diphenylamines, alkylated	F	08/09/98	B	2	High viscosity	Shell
LUBAD 916	11 Diphenylamines, alkylated	NL	05/02/98	B	3	High viscosity	Shell
LUBAD 962	11 Diphenylamines, alkylated	F	19/02/98	B	3	High viscosity	Shell
LUBAD 972	5 2,6-ditertiary-butyl phenol	B	27/02/98	B	2	High viscosity	Ethyl
LUBAD 982	11 Diphenylamines, alkylated	B	24/04/98	B	3	High viscosity	Shell
LUBRIZOL 23577X	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 3174	18 Polyolefin amide alkenenammine (C17+)	US	02/12/93	III	NA	High viscosity	Lubrizol
LUBRIZOL 3530	15 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	C	3	High viscosity	Lubrizol
LUBRIZOL 3577	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 3577K	11 Zinc alkyl dithiophosphate (C3-C14)	US	01/05/96	B	3	High viscosity	Lubrizol
LUBRIZOL 3579C	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 3580	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 3593A	11 Zinc alkyl dithiophosphate (C3-C14)	US	01/02/95	B	3	High viscosity	Lubrizol
LUBRIZOL 3594A	11 Zinc alkyl dithiophosphate (C3-C14)	US	17/09/96	B	3	High viscosity	Lubrizol

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Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
LUBRIZOL 390	17 Polyolefin phenolic amine (C28-C250)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 3939W	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 3940	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 3940A	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 3940C	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 395	15 Mineral oil	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 397	17 Alkenyl (C11+) amide	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 400A	17 Polyolefin phenolic amine (C28-C250)	US	20/10/95	D	NA	High viscosity	Lubrizol
LUBRIZOL 4816M	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 4821M	11 Zinc alkyl dithiophosphate (C3-C14)	US	17/09/97	B	3	High viscosity	Lubrizol
LUBRIZOL 4837A	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4837V	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4840	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4840A	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 4856G	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4887A	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4888	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4911	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 4915C	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4927	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4927B	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/08/94	B	3	High viscosity	Lubrizol
LUBRIZOL 4933	15 Zinc alkyl dithiophosphate (C3-C14)	US	24/10/94	C	3	High viscosity	Lubrizol
LUBRIZOL 4950	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4950G	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4952	11 Zinc alkyl dithiophosphate (C3-C14)	US	31/12/96	B	3	High viscosity	Lubrizol
LUBRIZOL 4952A	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High viscosity	Lubrizol
LUBRIZOL 4952J	11 Zinc alkyl dithiophosphate (C3-C14)	US	25/11/99	B	3	High viscosity	Lubrizol
LUBRIZOL 4952P	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/06/97	B	3	High viscosity	Lubrizol
LUBRIZOL 4953	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 4956A	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 4958	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4959C	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4959F	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 4960	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4966	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol

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LUBRIZOL 4966B	15	Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	C	3	High viscosity	Lubrizol
LUBRIZOL 4968	11	Zinc alkyl dithiophosphate (C3-C14)	US	14/04/97	B	3	High viscosity	Lubrizol
LUBRIZOL 4970	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4970J	15	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 4970K	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 4970N	15	Zinc alkyl dithiophosphate (C3-C14)	US	12/08/94	C	3	High viscosity	Lubrizol
LUBRIZOL 4970T	11	Zinc alkyl dithiophosphate (C3-C14)	US	17/09/97	B	3	High viscosity	Lubrizol
LUBRIZOL 4980A	15	Zinc alkyl dithiophosphate (C3-C14)	US	25/11/99	C	3	High viscosity	Lubrizol
LUBRIZOL 4994A	15	Zinc alkyl dithiophosphate (C3-C14)	US	12/08/94	C	3	High viscosity	Lubrizol
LUBRIZOL 4994E	15	Zinc alkyl dithiophosphate (C3-C14)	US	02/08/95	C	3	High Viscosity	Lubrizol
LUBRIZOL 5002	11	Oleylamine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 58S	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	20/10/95	D	NA	High viscosity	Lubrizol
LUBRIZOL 5986	15	Mineral oil	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 600	17	Polyolefin amide alkeneamine (C17+)	US	03/11/97	D	NA	High viscosity	Lubrizol
LUBRIZOL 6111	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 6298S	11	Tall oil fatty acid, barium salt	US	23/04/97	B	3	High viscosity	Lubrizol
LUBRIZOL 6446A	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	26/08/99	D	NA		Lubrizol
LUBRIZOL 6448A	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6470	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6470S	15	Mineral oil	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 6474M	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6477	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6478	17	Mineral oil	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6488A	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 6499	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6499A	17	Calcium long chain alkyl phenate sulphide	US	26/08/99	D	NA		Lubrizol
LUBRIZOL 6499M	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 65	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6701D	5	Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 6830	17	Aryl polyolefin (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6833	17	Alkyl (C8-C40) phenol sulphide	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 6950D	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 6950J	11	Zinc alkyl dithiophosphate (C3-C14)	US	02/08/95	B	3	High viscosity	Lubrizol
LUBRIZOL 72860	17	Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 73051	17	Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/93	D	NA	High viscosity	Lubrizol

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LUBRIZOL 73085	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 73087	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 73259	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 73770	17 Alkylbenzenesulphonic acid, sodium salt solution	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 73775	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 74090	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/06/97	B	3	High viscosity	Lubrizol
LUBRIZOL 74179	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/01/95	B	3	High viscosity	Lubrizol
LUBRIZOL 74519	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 74731	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 74783	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 74788	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 74959	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 74960	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 74988	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7565	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7574B	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7574Q	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/08/94	B	3	High viscosity	Lubrizol
LUBRIZOL 7574V	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 75A	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 76006	17 Polyolefin amide alkeneamine (C17+)	US	29/08/96	D	NA	High viscosity	Lubrizol
LUBRIZOL 76026	15 Mineral oil	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 76038	17 Aryl polyolefin (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 76095	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 76391	15 Mineral oil	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 76442	11 Oleylamine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 76460	11 Phosphate ester, alkyl (C12-C14) amine	US	03/11/97	B	3	High viscosity	Lubrizol
LUBRIZOL 76580	11 Oleylamine	US	02/12/93	B	3		Lubrizol
LUBRIZOL 76847	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 76884	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 77059	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77060	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77061	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77062	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77113	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 77205	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol

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LUBRIZOL 77319	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 77475	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77479	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 77889	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 77918	11 Zinc alkyl dithiophosphate (C3-C14)	US	20/10/95	B	3	High viscosity	Lubrizol
LUBRIZOL 78009	11 Oleylamine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 78011	11 Phosphate esters, alkyl (C12-C14) amine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 78020	11 Phosphate esters, alkyl (C12-C14) amine	US	02/12/93	B	3		Lubrizol
LUBRIZOL 78072	15 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	C	3	High viscosity	Lubrizol
LUBRIZOL 78088	11 Phosphate esters, alkyl (C12-C14) amine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7808D	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7819A	11 Zinc alkyl dithiophosphate(C3-C14)	US	20/12/94	B	3	High viscosity	Lubrizol
LUBRIZOL 7819F	11 Zinc alkyl dithiophosphate (C3-C14)	US	17/04/98	B	3	High viscosity	Lubrizol
LUBRIZOL 7819H	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/05/99	B	3	High viscosity	Lubrizol
LUBRIZOL 7819T	11 Zinc alkyl dithiophosphate (C3-C14)	US	15/11/95	B	3	High viscosity	Lubrizol
LUBRIZOL 7821	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7833K	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7841	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 78419	3 Dodecyl hydroxypropyl sulphide	US	18/06/98	A	2	High viscosity	Lubrizol
LUBRIZOL 78475	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7854	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 7882E	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 78886	15 Mineral oil	US	28/10/99	C	3	High viscosity	Lubrizol
LUBRIZOL 78888	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 7888C	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 78891	15 Zinc alkyl dithiophosphate (C3-C14)	US	24/06/94	C	3	High viscosity	Lubrizol
LUBRIZOL 7901	5 Dodecyl hydroxypropyl sulphide	US	08/02/96	B	2	High viscosity	Lubrizol
LUBRIZOL 7906	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 7908	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 79152	17 Calcium long chain alkaryl sulphonate (C3-C14)	US	12/06/97	D	NA	High viscosity	Lubrizol
LUBRIZOL 79512	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 79522	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	12/06/97	D	NA	High viscosity	Lubrizol
LUBRIZOL 8192S	13 Polyolefinamine in alkyl(C2-C4)benzenes	US	10/01/96	B	3		Lubrizol
LUBRIZOL 8215	16 Polyolefinamine in alkyl (C3-C4) benzenes	US	28/10/99	C	3	High viscosity	Lubrizol
LUBRIZOL 8292C	17 Polyolefin phenolic amine (C28-C250)	US	02/12/93	D	NA	High viscosity	Lubrizol

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LUBRIZOL 8525	17 Polyolefin amide alkeneamine (C17+)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 8609	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 8678	11 Mineral oil	US	07/10/97	B	3	High viscosity	Lubrizol
LUBRIZOL 8688	15 Mineral oil	US	28/10/99	C	3	High viscosity	Lubrizol
LUBRIZOL 8805C	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 8807A	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 8871A	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 8880E	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 8880J	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 8888	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 8888A	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 8893	11 Zinc alkyl dithiophosphate (C3-C14)	US	17/09/96	B	3	High viscosity	Lubrizol
LUBRIZOL 8900	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 8902	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 8902E	15 Zinc alkyl dithiophosphate (C3-C14)	US	08/08/97	C	3	High viscosity	Lubrizol
LUBRIZOL 8902M	15 Zinc alkyl dithiophosphate (C3-C14)	US	18/08/97	C	3	High viscosity	Lubrizol
LUBRIZOL 8952	3 Dodecyl phenol	US	02/12/93	A	2	High viscosity	Lubrizol
LUBRIZOL 8955L	11 Zinc alkyl dithiophosphate (C3-C14)	US	22/11/96	B	3	High viscosity	Lubrizol
LUBRIZOL 8955Y	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/08/94	B	3	High viscosity	Lubrizol
LUBRIZOL 8960	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 8960A	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL 8960B	15 Zinc alkyl dithiophosphate (C3-C14)	US	24/10/94	C	3	High viscosity	Lubrizol
LUBRIZOL 8967	15 Zinc alkyl dithiophosphate (C3-C14)	US	10/11/98	C	3	High viscosity	Lubrizol
LUBRIZOL 9212	15 Zinc alkyl dithiophosphate (C3-C14)	US	22/05/96	C	3	High viscosity	Lubrizol
LUBRIZOL 9220	15 Zinc alkyl dithiophosphate (C3-C14)	US	02/12/93	C	3	High viscosity	Lubrizol
LUBRIZOL 9225	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL 9226A	17 Calcium long-chain alkyl phenate sulphide (C8-C40)	US	22/05/96	D	NA	High viscosity	Lubrizol
LUBRIZOL 9229	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	12/06/97	D	NA	High viscosity	Lubrizol
LUBRIZOL 9231	17 Calcium long chain alkaryl sulphonate	US	22/11/96	D	NA		Lubrizol
LUBRIZOL 9231A	17 Mineral oil	US	22/11/96	D	NA		Lubrizol
LUBRIZOL 9530T	15 Octanol (all isomers)	US	01/02/95	C	3	High viscosity	Lubrizol
LUBRIZOL 9609	5 Dodecyl hydroxypropyl sulphide	US	02/12/93	B	2	High viscosity	Lubrizol
LUBRIZOL 9692A	15 Zinc alkaryl dithiophosphate (C7-C16)	US	08/03/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9802	15 Zinc alkyl dithiophosphate (C3-C14)	US	22/05/96	C	3	High viscosity	Lubrizol
LUBRIZOL 9802C	15 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	C	3	High viscosity	Lubrizol

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LUBRIZOL 9803	11 Zinc alkyl dithiophosphate (C3-C14)	US	19/07/96	B	3	High viscosity	Lubrizol
LUBRIZOL 9827	11 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL 9828	15 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9828A	15 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9828F	15 Zinc alkyl dithiophosphate (C3-C14)	US	08/06/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9828T	11 Zinc alkyl dithiophosphate (C3-C14)	US	14/01/97	B	3	High viscosity	Lubrizol
LUBRIZOL 9841	15 Zinc alkyl dithiophosphate (C3-C14)	US	18/06/96	C	3	High viscosity	Lubrizol
LUBRIZOL 9841A	15 Zinc alkyl dithiophosphate (C3-C14)	US	16/07/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9841B	15 Zinc alkyl dithiophosphate (C3-C14)	US	12/01/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9842	15 Zinc alkyl dithiophosphate (C3-C14)	US	12/01/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9845	15 Zinc alkyl dithiophosphate (C3-C14)	US	28/02/96	C	3	High viscosity	Lubrizol
LUBRIZOL 9845Y	11 Dithiocarbamate ester (C7-C35)	US	01/05/97	B	3	High viscosity	Lubrizol
LUBRIZOL 9846	15 Zinc alkyl dithiophosphate (C3-C14)	US	29/08/96	C	3	High viscosity	Lubrizol
LUBRIZOL 9915A	15 Zinc alkyl dithiophosphate (C7-C16)	US	25/11/99	C	3	High viscosity	Lubrizol
LUBRIZOL 9915M	15 Zinc alkyl dithiophosphate (C7-C16)	US	02/08/95	C	3	High viscosity	Lubrizol
LUBRIZOL 9990A	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/05/99	B	3	High viscosity	Lubrizol
LUBRIZOL A33	17 Sulphohydrocarbon (C3-C88)	US	02/12/93	D	NA	High viscosity	Lubrizol
LUBRIZOL A6043B	11 Phosphate esters, alkyl (C12-C14) amine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL A6044	11 Oleylamine	US	02/12/93	B	3	High viscosity	Lubrizol
LUBRIZOL A6044B	11 Oleylamine	US	02/12/93	B	3		Lubrizol
LUBRIZOL A6063A	11 Oleylamine	US	08/02/96	B	3	High viscosity	Lubrizol
LUBRIZOL A98A	11 Phosphate ester, alkyl (C12-C14) amine	US	16/07/99	B	3	High viscosity	Lubrizol
LUBRIZOL A99	11 Oleylamine	US	02/12/93	B	3		Lubrizol
LUBRIZOL ADX1664B	15 Zinc alkyl dithiophosphate (C3-C14)	US	30/06/99	C	3	High viscosity	Lubrizol
Lysalchem 82	11 Dodecyl alcohol	I	15/01/97	B	3	High viscosity	Condea
M-400-G	17 Magnesium long chain alkaryl sulphonate (C11-C50) in mineral oil	US	18/02/88	D	NA		Witco
M-400-T	17 Magnesium long chain alkaryl sulphonate (C11-C50) in mineral oil	US	18/02/88	D	NA		Witco
MCP 1060	18 iso- & cyclo-Alkanes (C12+)	US	11/02/93	III	NA		Mobil
MCP 1120	18 iso- & cyclo-Alkanes (C12+)	US	26/03/95	III	NA		Mobil
MCP 1257C	17 Alkanes (straight chain) C5-C9 and Alkanes (straight chain) C10-C20	US	25/01/93	D	NA		Mobil
MCP 147B	17 Polybutenyl succinimide	US	20/04/94	D	NA		Mobil
MCP 151	18 Polyolefin (mw 300+)	US	28/10/99	III	NA		Mobil
MCP 1514	11 Decyl alcohol (all isomers)	US	26/04/95	B	3		Mobil
MCP 1602	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
MCP 1609	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil

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MCP 1613	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
MCP 1617	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
MCP 166	17 Triester (C32)	US	22/04/91	D	NA		Mobil
MCP 1686	18 Polyolefin (mw 300+)	US	15/08/95	III	NA		Mobil
MCP 346A	15 Zinc alkenyl carboxamide	US	06/09/94	C	3		Mobil
MCP 992	18 iso- & cyclo-Alkanes (C12+)	US	26/04/95	III	NA		Mobil
MF 293	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	B	3	High viscosity	Lubrizol
MF 845	15 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	C	3	High viscosity	Lubrizol
MOBIL CC-347	11 Dodecene	US	31/05/95	B	3		Mobil
MOBIL CC-374	11 Olefin mixtures (C5-C15)	US	31/05/95	B	3		Mobil
MOBIL CC-376	11 Octene	US	31/05/95	B	3		Mobil
MOBIL CC-377	11 Olefin mixtures (C5-C15)	US	31/05/95	B	3		Mobil
MOBIL Solvent Xylene	11 Ethylbenzene	US	04/08/93	B	3		Mobil
Mobil stock 1442	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
Mobilad G210	11 Sulphohydrocarbon (C3-C88)	US	06/07/98	B	3	High viscosity	Mobil
Mosstanol 120	18 n-Propyl alcohol	SA	14/05/99	III	NA		Mossgas
Mosstanol H	17 n-Propyl alcohol	SA	14/05/99	D	NA		Mossgas
Mosstanol L	18 Ethyl alcohol	SA	14/05/99	III	NA		Mossgas
Mosstanol P	16 Amyl alcohols	SA	14/05/99	C	3		Mossgas
MPX	4 Cresols (all isomers) with xylenol	SA	17/01/91	A	2		Dvrban
Mud Oil IL 3000	5 White spirit	G		B	2		Esso
NAPGEL C2230	17 Ethylene glycol	B	01/04/97	D	NA		Bp
Nappar 10	16 Alkanes (C6-C9)	B		C	3		Exxon
Nappar 9	16 Alkanes (C6-C9)	B		C	3		Exxon
NEMO 9404	16 Mineral oil	G	05/06/98	C	3	High viscosity	Shell
NEMO 9423	7 White spirit low (15-20%) aromatic	G	05/06/98	B	2		Shell
NEMO 9431	16 Xylenes	G	05/06/98	C	3		Shell
NEMO 9436	16 Xylenes	G	05/06/98	C	3	High viscosity	Shell
NEMO 9439	16 Mineral oil	G	05/06/98	C	3		Shell
NEMO 9441	16 Xylenes	G	05/06/98	C	3	High viscosity	Shell
NEMO 9444	16 Xylenes	NL	03/07/98	C	3		Shell
NEMO 9600	16 Xylenes	G	05/06/98	C	3		Shell
Neodol 23	12 Dodecyl alcohol	G	07/03/88	B	3		Shell
Neodol 245	12 Dodecyl alcohol	US	16/01/98	B	3	High viscosity, Solidifying	Shell
Neodol 25	12 Dodecyl alcohol	US		B	3		Shell

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Neodol 3	17 Dodecyl alcohol	US	22/06/90	D	NA		Shell
Neodol 91	11 n-Decyl alcohol	G	07/03/88	B	3		Shell
NEXBASE 2002	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
NEXBASE 2004	18 Polyolefin (mw 300+)	B	13/06/97	III	NA		Neste
NEXBASE 2006	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
NEXBASE 2008	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
Odourless mineral spirits	13 n-Paraffins and Isoparaffins	US	02/01/90	B	3		Total Solvent
OG 938C	4 Alkyl (C5-C9) benzenes	US	28/10/99	A	2		Chevron
OGA 330 WXR	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	02/12/93	C	3		Chevron
OGA 472	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	25/11/92	C	3		Chevron
OGA 476BR	15 Polyolefin amine	US	19/11/93	C	3		Chevron
OGA 476BZW	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	30/10/92	C	3		Chevron
OGA 476CX	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	18/04/89	C	3		Chevron
OGA 476TP	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	02/12/93	C	3		Chevron
OGA 476TPC	15 Polyolefin amine in Alkyl (C2-C4) benzenes	US	16/02/94	C	3		Chevron
OGA 478CX	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	04/11/92	C	3		Chevron
OGA 479R	15 Polyolefin amine in Alkyl (C2-C4) benzenes	US	17/02/94	C	3		Chevron
OGA 480	16 Long chain polyetheramine in alkyl (C2-C4) benzenes	US	04/11/92	C	3		Chevron
OGA 492	15 Long chain polyetheramine in alkyl (C2-C4) benzenes	US	25/11/92	C	3	High viscosity	Chevron
OGA 501	15 Polyolefin amide and High molecular weight dicarboxylic acid in xylene	US	04/11/92	C	3		Chevron
OGA 938	4 Alkyl (C5-C9) benzenes	US	28/10/99	A	2		Chevron
OGP 201	11 Solvent naphtha	G	09/01/95	B	3	High viscosity	Octel
OGP 2367	7 White Spirit	G	09/12/99	B	2	High Viscosity	Octel
OGP 2377	7 White spirit	G	29/03/96	B	2		Octel
OLOA 1200	17 Polyolefin amide alkeneamine (C28+)	US		D	NA		Chevron
OLOA 1200B	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 1200Z	17 Polyolefin amide alkeneamine (C28+)	US	08/06/89	D	NA		Chevron
OLOA 1510S	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 1510T	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 1592	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	21/08/92	D	NA		Chevron
OLOA 1593	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	21/08/92	D	NA		Chevron
OLOA 216Q	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 219	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 219C	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	08/06/89	D	NA		Chevron
OLOA 219E	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron

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OLOA 219M	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 219S	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	21/05/91	D	NA		Chevron
OLOA 219SM	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	07/01/94	D	NA		Chevron
OLOA 219T	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 219U	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 229	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 246BW	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	31/12/93	D	NA		Chevron
OLOA 246S	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
OLOA 247E	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
OLOA 247EJ	17 Calcium long chain alkaryl sulfonate (C11-C50)	US	04/12/91	D	NA		Chevron
OLOA 247EW	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	31/12/93	D	NA		Chevron
OLOA 247Z	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	21/01/93	D	NA		Chevron
OLOA 249E	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
OLOA 2564E	17 Polyolefin anhydride	US		D	NA		Chevron
OLOA 267	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 269R	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 2850D	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/07/89	B	3		Chevron
OLOA 2850M	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/07/89	B	3		Chevron
OLOA 2939	18 Alkyl phenate sulphide	US	20/05/88	III	NA		Chevron
OLOA 2992	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
OLOA 319	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	27/09/88	D	NA		Chevron
OLOA 355	17 Polyolefin amide alkeneamine (C28+)	US	21/01/93	D	NA		Chevron
OLOA 370	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 373	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 373C	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 374Q	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 4094	11 Zinc alkyl dithiophosphate (C3-C14) and Polyolefin amide alkeneamine (C28+)	US	06/04/92	B	3		Chevron
OLOA 4096	11 Zinc alkyl dithiophosphate (C3-C14)	US	06/04/92	B	3		Chevron
OLOA 4132N	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 4159	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 4162EC	11 Zinc alkyl dithiophosphate C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 4229	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	01/04/91	D	NA		Chevron
OLOA 4260C	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 4374Q	17 Polyolefin amide alkeneamine (C28+)	US	30/03/90	D	NA		Chevron

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OLOA 4375H	17 Polyolefin amide alkeneamine (C28+)	US		D	NA		Chevron
OLOA 4382	17 Polyolefin ester (C28-C250)	US		D	NA		Chevron
OLOA 4848A	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 4851	11	F	11/05/88	B	3		Chevron
OLOA 5085	17 Polyolefin amide alkeneamine borate (C28-C250)	US		D	NA	High viscosity	Chevron
OLOA 5100	17 Polyolefin amide alkeneamine borate (C28-C250)	US		D	NA	High viscosity	Chevron
OLOA 5259	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 6064A	11 Alkyl phenol	US	19/01/94	B	3		Chevron
OLOA 6089	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 6089A	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 6097	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 6113	17 Polyolefin amide alkeneamine (C28+)	US	30/03/90	D	NA		Chevron
OLOA 6119	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 6125	17 Calcium long chain alkyl phenate sulphide (C8-C40) and Calcium long chain alkaryl sulphonate (C11-C50)	US	21/03/91	D	NA		Chevron
OLOA 6720	18 Polybutene	US	12/07/93	III	NA		Chevron
OLOA 6722	17 Polyolefin amide alkeneamine (C28+)	US	12/07/93	D	NA		Chevron
OLOA 673	17 Polyolefin amide alkeneamine (C28+)	US	10/11/92	D	NA		Chevron
OLOA 674	17 Polyolefin amide alkeneamine borate (C28-C250)	US	10/11/92	D	NA		Chevron
OLOA 6750	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 6759	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	B	3	High Viscosity	Chevron
OLOA 676	17 Polyolefin amide alkeneamine polyol	US	10/11/92	D	NA		Chevron
OLOA 6767	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	14/03/94	D	NA		Chevron
OLOA 6769	5 Diphenylamine, reaction product with 2,2,4-trimethylpentene	US	15/03/94	B	2		Chevron
OLOA 6800	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 6801	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 6803	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA	High viscosity	Chevron
OLOA 6804	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 6808	17 Polyolefin amide alkeneamine (C28+)	US		D	NA	High viscosity	Chevron
OLOA 6810	17 Calcium long chain alkaryl sulphonate (C11-C50)	US		D	NA		Chevron
OLOA 6814	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 6816	11 Alkyl phenol	US	19/01/94	B	3		Chevron
OLOA 6820	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 6821	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 6821A	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron

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OLOA 6824	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 6825	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 6834	11 Zinc alkyl dithiophosphate (C8-C14) and Polyolefin amide alkeneamine polyol	US	16/07/93	B	3		Chevron
OLOA 6838	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	29/01/92	D	NA		Chevron
OLOA 6840	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 6842	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/07/89	B	3		Chevron
OLOA 6845	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/07/89	B	3		Chevron
OLOA 6847C	11 Zinc alkyl dithiophosphate (C3-C14)	US	15/03/94	B	3		Chevron
OLOA 6857	17 Polyolefin ester (C28-C250)	US		D	NA		Chevron
OLOA 6860	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 6877	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 6899	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 6987	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
OLOA 716	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 716P	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 752C	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 753B	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 754E	17 Calcium long chain alkyl phenate sulfide (C8-C40) and Calcium long chain alkaryl sulfonate (C11-C50)	US	21/03/91	D	NA		Chevron
OLOA 754P	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	28/10/99	D	NA		Chevron
OLOA 755	17 Calcium long chain alkaryl sulphonate (C11-C50)	US	28/10/99	D	NA		Chevron
OLOA 756	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
OLOA 756A	17 Calcium long chain alkyl phenate sulfide and Polyolefin amide alkeneamine (C28+)	US		D	NA		Chevron
OLOA 757S	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 759E	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 759T	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Chevron
OLOA 8361	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8364	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8380C	11 Zinc alkyl dithiophosphate (C3-C14)	US	14/06/88	B	3		Chevron
OLOA 857E	15 Zinc alkyl dithiophosphate (C3-C14)	US	27/06/94	C	3		Chevron
OLOA 858B	15 Zinc alkyl dithiophosphate (C3-C14)	US		C	3	High viscosity	Chevron
OLOA 858C	15 Zinc alkyl dithiophosphate (C3-C14)	US	13/10/87	C	3		Chevron
OLOA 859B	15 Zinc alkyl dithiophosphate (C3-C14)	US	29/10/93	C	3		Chevron
OLOA 867	15 Zinc alkyl dithiophosphate (C3-C14)	US	28/10/99	C	3	High Viscosity	Chevron

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Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
OLOA 8709	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/07/89	B	3		Chevron
OLOA 8719	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 8719G	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 87E	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Ciba Geigy
OLOA 8804	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8805	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8805D	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8807S	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3		Chevron
OLOA 8809	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Chevron
OLOA 8810	11 Zinc alkyl dithiophosphate (C3-C14)	US	02/01/90	B	3		Chevron
OLOA 8810T	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/07/92	B	3		Chevron
OLOA 8810TS	15 Zinc alkyl dithiophosphate (C3-C14)	US	11/03/93	C	3		Chevron
OLOA 9000A	15 Zinc alkyl dithiophosphate (C3-C14)	US	25/03/93	C	3		Chevron
OLOA 9000B	11 Zinc alkyl dithiophosphate (C3-C14)	US	25/03/93	B	3		Chevron
OLOA 9000C	11 Zinc alkyl dithiophosphate (C3-C14)	US	07/12/93	B	3		Chevron
OLOA 9100	15 Zinc alkyl dithiophosphate (C3-C14)	US	25/03/93	C	3		Chevron
OLOA 9350	18 Polybutene	US	12/07/93	III	NA		Chevron
OLOA 9357	17 Polyolefin amide alkeneamine (C28+)	US	12/07/93	D	NA		Chevron
OLOA 9830	15 Zinc alkyl dithiophosphate (C3-C14)	US	30/08/94	C	3		Chevron
OMC 586/Petrofree	17 FATTY ESTERS	D	12/08/93	D	NA		Henkel
Oxinol	17 Methyl alcohol	NL	27/10/97	D	NA		Arco
PA02	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
PA04	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
PA06	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
PA08	18 Polyolefin (mw 300+)	B	13/06/97	III	N/A		Neste
Parabar 9220	15 Polyolefin amide alkeneamine borate in mineral oil	NL	02/05/96	C	3		Exxon
Parabar 9250	17 Polyolefin amide alkeneamine	US	13/09/88	D	NA		Exxon
Parabar 9260	17 Polyolefin amide alkeneamine borate (C28-C250)	F	15/04/96	D	NA		Exxon
Parabar 9302	17 Aryl polyolefin (C11-C50)	F	06/12/88	D	NA		Exxon
Parabar 9304	17 Aryl polyolefin (C11-C50)	US	15/12/94	D	NA		Exxon
Parabar 9330	15 Calcium long chain alkaryl sulphonate in mineral oil	F		C	3	High viscosity	Exxon
Parabar 9344	17 Magnesium long chain alkaryl sulphonate(C11-C50)	F	13/09/88	D	NA		Exxon
Parabar 9364	17 Alkyl phenol sulphide (C8-C40)	US	18/06/93	D	NA		Exxon
Parabar 9417	11 Zinc alkyl dithiophosphate (C3-C14)	US	28/12/88	B	3	High viscosity	Exxon
Parabar 9532	4 Poly(2+)cyclic aromatics	NL	29/06/88	A	2		Exxon

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Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
Paradyne 685	11 Decyl alcohol (all isomers)	US	13/02/98	B	3	High viscosity	Exxon
Paradyne 744	16 Polyolefin amine in aromatic solvent	US	01/07/98	C	3		Exxon
Paradyne 756	15 Polyolefin amine in alkyl (C2-C4) benzenes	US	23/08/96	C	3	High viscosity	Exxon
Paradyne 7560	11 Decyl alcohol (all isomers)	US	29/01/96	B	3	High viscosity	Exxon
Paraflow 214	7 Alkyl (C3-C8) benzenes	NL		B	2	High viscosity	Exxon
Paraflow 335	4 Poly(2+)cyclic aromatics	NL	29/06/88	A	2		Exxon
Paramar 7013	17 Calcium long chain alkyl phenate sulphide (C8-C40)	NL		D	NA		Exxon
Paranox 15	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Exxon
Paranox 16	11 Zinc alkyl dithiophosphate (C3-C14)	US		B	3	High viscosity	Exxon
Paranox 51	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Exxon
Paranox 52	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA		Exxon
Paranox 1142	11 Zinc alkyl dithiophosphate (C3-C14)	F	18/02/91	B	3	High viscosity	Exxon
Paranox 1153	15 Polyolefin amide alkeneamine borate (C28-C250) in mineral oil	US	21/05/91	C	3		Exxon
Paranox 1160	17 Polyolefin amide alkeneamine borate (C28-C250)	AR	21/04/97	D	NA		Exxon
Paranox 1193	11 Zinc alkyl dithiophosphate (C3-C14)	NL	11/03/91	B	3	High viscosity	Exxon
Paranox 1272	11 Zinc alkyl dithiophosphate (C3-C14)	G	01/04/92	B	3		Exxon
Paranox 1272C	11 Zinc alkyl dithiophosphate (C3-C14)	US	17/05/89	B	3	High viscosity	Exxon
Paranox 1274	11 Zinc Alkyl Dithiophosphate (C3-C14)	US	10/02/92	B	3		Exxon
Paranox 1284	12 Zinc alkyl dithiophosphate (C3-C14)	US	30/11/98	B	3	High viscosity, Solidifying	Exxon
Paranox 1374	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/03/96	B	3	High viscosity	Exxon
Paranox 1560	15 Zinc alkyl dithiophosphate (C7-C16)	US	15/01/96	C	3	High viscosity	Exxon
Paranox 207	5 Tricresyl phosphate (containing less than 1% ortho-isomer)	US	10/09/93	B	2		Exxon
Paranox 2283	15 Zinc alkyl dithiophosphate (C3-C-14)	US	05/01/96	C	3	High viscosity	Exxon
Paranox 3281	15 Zinc alkyl dithiophosphate (C3-C14)	AR	16/09/97	C	3	High viscosity, Solidifying	Exxon
Paranox 390	11 Diphenylamines, alkylated	G	12/11/91	B	3	High viscosity	Exxon
Paranox 5001	11 Zinc alkyl dithiophosphate (C3-C14)	US	05/01/94	B	3		Exxon
Paranox 5278	11 Zinc alkyl dithiophosphate (C3-C14)	F	15/04/96	B	3		Exxon
Paranox 5292	17 Polyolefin amide alkeneamine borate (C28-C250)	US	07/06/93	D	NA		Exxon
Paranox 5682	11 Zinc alkyl dithiophosphate (C3-C14)	NL	01/07/94	B	3	High viscosity	Exxon
Paranox 5686	11 Zinc alkyl dithiophosphate (C3-C14)	G	16/01/92	B	3	High viscosity	Exxon
Paranox 5689	11 Zinc alkyl dithiophosphate (C3-C14)	G	04/10/95	B	3	High viscosity	Exxon
Parapol 950	18 Polybutene	US		III	NA		Exxon
PARATEMPS 31	17 Polyolefin amide alkeneamine (C17+)	US	03/07/97	D	NA		Exxon
Paratone 8002	15 Polyolefin (mw 300+) in mineral oil	G	13/07/94	C	3	High viscosity	Exxon
Paratone 8103	15 Polyalkyl methacrylate in mineral oil	B	19/10/94	C	3	High viscosity	Exxon

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Paratone 8230	15	G	15/04/96	C	3		Exxon
Paratone 8232	15 Polyolefin (mw 300+) in mineral oil	US	20/05/93	C	3		Exxon
Paratone 8238	15 Polyolefin (mw 300+) in mineral oil	F	28/06/88	C	3	High viscosity	Exxon
Paratone 8451	15 Polyolefin (mw 300+)	US	20/10/95	C	3		Exxon
Paratone 8468	15 Alkylester Copolymer in mineral oil	US	03/11/94	C	3		Exxon
Paratorq 4599	15 Mineral oil	US	03/04/96	C	3	High viscosity	Exxon
Pazad 93	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	B	3	High viscosity	Lubrizol
Petrinex ASB	5 Dimethylethylbenzene	G		B	2		ICI
Petrostep H-62 Cons	17 Long chain alkaryl sulfonic acid (C16-C60)	US	26/03/90	D	NA		Chevron
Polybutene 32	18 Polybutene	US	15/07/93	III	NA		Chevron
Revinex 85	18 Styrene/Butadiene rubber latex	G		III	NA		
Revinex 85P10	18 Styrene/Butadiene rubber latex	G		III	NA		Doverstrand
Roehm monomer 1165	15 Polyalkyl methacrylate(C11-C20) in mineral oil	US	07/09/87	C	3	High viscosity	Roehm
RT 29	12 Tall oil (crude and distilled)	US	23/11/93	B	3		Arizona
Sabutol	18 Butyl alcohols	US	06/06/89	III	NA		
Santosol DME Dimethyl ester	11 Dimethyl adipate	US	02/04/99	B	3		Solutioa
SAP 1040	15 Zinc alkyl dithiophosphate (C3-C14)	G	09/04/87	C	3		Shell
SAP 1061B	11 Zinc alkyl dithiophosphate (C3-C14)	G	09/04/87	B	3		Shell
SAP 1075	15 Zinc alkyl dithiophosphate (C3-C14)	G	09/04/87	C	3		Shell
SAP 1075A	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 1081A	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 1082	15 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	C	3		Shell
SAP 1084	15 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	C	3		Shell
SAP 1085	15 Calcium long chain alkyl salicylate (C13+)	G	31/01/89	C	3		Shell
SAP 1087	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 1092	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 1093	15 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	C	3		Shell
SAP 1098	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 1101	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 1109	15 Zinc alkyl dithiophosphate (C3-C14)	NL	14/11/88	C	3		Shell
SAP 1120C	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
SAP 1121	11 Zinc alkyl dithiophosphate (C3-C14)	G	29/07/94	B	3		Shell
SAP 1126	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 1127	15 Calcium long chain alkyl salicylate (C13+)	G		C	3		Shell
SAP 1128	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell

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Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
SAP 1136	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 1136A	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 1137	11 Zinc alkyl dithiophosphate (C3-C14)	NL	12/06/90	B	3		Shell
SAP 1137A	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
SAP 1139	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 1139A	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
SAP 1159	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 1163	11 Zinc alkyl dithiophosphate (C3-C14)	NL	03/01/89	B	3		Shell
SAP 1166	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 1169	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 1199	15 Zinc alkyl dithiophosphate (C3-C14)	B	13/01/95	C	3		Shell
SAP 1406	15 Calcium long chain alkyl salicylate (C13+)	B	30/09/94	C	3		Shell
SAP 1410	11 Diphenylamines, alkylated	G	29/07/94	B	3		Shell
SAP 1414	15 Zinc alkyl dithiophosphate (C3-C14)	B	07/12/95	C	3	High viscosity	Shell
SAP 1420	11 Zinc alkyl dithiophosphate (C3-C14)	G	29/07/94	B	3		Shell
SAP 1464	15 Zinc alkyl dithiophosphate (C3-C14)	B	13/11/95	C	3		Shell
SAP 1492	11 Zinc alkyl dithiophosphate (C3-C14)	NL	03/10/96	B	3	High viscosity	Shell
SAP 1500A	11 Zinc alkyl dithiophosphate (C3-C14)	B	15/07/99	B	3	High viscosity	Shell
SAP 1510	11 Diphenylamines, alkylated	B	26/11/97	B	3	High viscosity, Solidifying	Shell
SAP 1602	11 Zinc alkyl dithiophosphate (C3-C14)	B	08/05/98	B	3	High viscosity	Shell
SAP 1603	11 Diphenylamines, alkylated	B	24/04/98	B	3	High viscosity	Shell
SAP 1611	15 Zinc alkyl dithiophosphate (C3-C14)	NL	23/05/97	C	3	High viscosity	Shell
SAP 1612	11 Diphenylamines, alkylated	NL	05/02/98	B	3	High viscosity	Shell
SAP 1613	11 Diphenylamines, alkylated	F	19/02/98	B	3	High viscosity	Shell
SAP 1627	11 Diphenylamines, alkylated	B	12/01/98	B	3	High viscosity	Shell
SAP 2033	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 2040C	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 2040D	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 2045	11 Zinc alkyl dithiophosphate (C3-C14)	NL	13/07/92	B	3		Shell
SAP 2048	15 Zinc alkyl dithiophosphate (C3-C14)			C	3		Shell
SAP 2058	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 2058X	11 Zinc alkyl dithiophosphate (C3-C14)		13/07/92	B	3		Shell
SAP 2062	11 Zinc alkyl dithiophosphate (C3-C14)	G	31/01/89	B	3		Shell
SAP 2063	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 2064	15 Calcium long chain alkyl salicylate (C13+)	NL	14/11/88	C	3		Shell

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Tradename	n.o.s. Contains	Rep	Receive	Cat	ST	Remark	Company
			Date				
SAP 2067	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 2068	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 2080	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 2080A	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
SAP 2081	11 Zinc alkyl dithiophosphate (C3-C14)	G		B	3		Shell
SAP 2099	11 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	B	3		Shell
SAP 2099A	11 Zinc alkyl dithiophosphate (C3-C14)	B	09/03/95	B	3	High viscosity	Shell
SAP 2101	15 Zinc alkyl dithiophosphate (C3-C14)	G		C	3		Shell
SAP 2101A	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 2106	15 Zinc alkyl dithiophosphate (C3-C14)		13/07/92	C	3		Shell
SAP 2121	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 2129	15 Zinc alkyl dithiophosphate (C3-C14)			C	3		Shell
SAP 2133	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 2141	15 Zinc alkyl dithiophosphate (C3-C14)	B	13/11/95	C	3		Shell
SAP 2142	15 Zinc alkyl dithiophosphate (C3-C14)	B	21/07/93	C	3		Shell
SAP 2145	15 Calcium long chain alkyl salicylate (C13+)	G		C	3		Shell
SAP 2157	15 Zinc alkyl dithiophosphate (C3-C14)	B	09/03/95	C	3		Shell
SAP 2170	11 Zinc alkyl dithiophosphate	NL	10/12/96	B	3	High viscosity	Shell
SAP 2173	11 Zinc alkyl dithiophosphate (C3-C14)	NL	19/02/98	B	3	High viscosity	Shell
SAP 2174	5 Diphenylamines, alkylated	F	08/09/98	B	2	High viscosity	Shell
SAP 3030A	15 Calcium long chain alkyl salicylate (C13+)	NL	13/03/98	C	3	High viscosity	Shell
SAP 3110	15 Calcium long chain alkyl salicylate (C13+)	G	31/01/89	C	3		Shell
SAP 3113A	15 Calcium long chain alkyl salicylate (C13+)	NL	21/02/94	C	3		Shell
SAP 7003	11 Heavy aromatic solvent naphtha	G	29/07/94	B	3		Shell
SAP 907	12 Heavy aromatic solvent naphtha	G	09/04/87	B	3		Shell
SAP 9404	16 Mineral oil	NL	16/01/89	C	3	High viscosity	Shell
SAP 9408K	15 Xylene	B		C	3		Shell
SAP 941	16 Mineral oil	NL	31/01/89	C	3		Shell
SAP 942	16 Xylenes	NL	02/01/89	C	3		Shell
SAP 9421K	13 Naphthalenes	NL	04/02/92	B	3		Shell
SAP 9423	7 White spirit	G		B	2		Shell
SAP 9427K	13 Polyolefin acid potassium salt	B	21/07/93	B	3		Shell
SAP 9431	16 Xylenes	G	29/07/94	C	3		Shell
SAP 9436	16 Xylenes	F	17/11/97	C	3	High viscosity	Shell
SAP 9439	16 Refined mineral oil	F	17/11/97	C	3		Shell

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Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
SAP 9441	16 Xylenes	F	17/11/97	C	3	High viscosity	Shell
SAP 9444	16 Xylenes	NL	03/07/98	C	3		Shell
SAP 9600	16 Xylenes	G	29/07/94	C	3		Shell
SAP 991	16 Xylenes	G	29/07/94	C	3		Shell
SAP 991D	16 Xylenes	G	29/07/94	C	3		Shell
Shell 08381	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US	02/12/91	D	NA		Chevron
Shellsol R	11 Solvent naphtha	G	07/03/88	B	3		Shell
SHF 1001	18 Iso- and cyclo-Alkanes (C12+)	US	20/04/94	III	NA		Mobil
SHF 1003	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
SHF 21	18 iso- & cyclo-Alkanes (C12+)	US	06/09/94	III	NA		Mobil
SHF 401	18 Polyolefin (mw 300+)	US	03/03/93	III	NA		Mobil
SHF 403	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
SHF 41	18 Polyolefin (mw 300+)	US	17/07/92	III	NA		Mobil
SHF 42	18 Polyolefin (mw 300+)	US	03/03/93	III	NA		Mobil
SHF 61	18 Polyolefin (mw 300+)	US	03/03/93	III	NA		Mobil
SHF 63	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
SHF 82	18 Polyolefin (mw 300+)	US	03/03/93	III	NA		Mobil
SHF 83	18 Polyolefin (mw 300+)	US	30/06/95	III	NA		Mobil
SO 400	17 Calcium long chain alkyl phenate sulphide (C8-C40)	US		D	NA	High viscosity	Chevron
Sodium bisulphite solution (40%)	15 Sodium bisulphite solution (40%)	G	29/08/90	C	3		William Blythe
Soltrol 100	16 Nonane (all isomers)	US	06/06/95	C	3		Phillips 66
Soltrol 130	17 iso- and cyclo-alkanes (C10-C11)	US	06/06/95	D	NA		Phillips 66
SOLVENT BLEND 114	16 Isobutyl alcohol and Octanol	US	12/08/92	C	3		Exxon
Solvesso 150	3 Poly(2+)cyclic aromatics	B		A	2		Exxon
Solvesso 200	3 Poly(2+)cyclic aromatics	B		A	2		
SP 7053	15 Calcium long chain alkyl phenate sulphide (C8-C40)	US	13/01/93	C	3		Chevron
Stock 3046	11 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	B	3	High viscosity	Lubrizol
Stock 3260	11 Diphenylamines, alkylated	B	08/06/98	B	3	High viscosity	Shell
Stock 3288	15 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	C	3	High viscosity	Lubrizol
Stock 506	18 Polyolefin (mw 300+)	US	28/10/99	III	NA		Mobil
Stock 509	18 Polyolefin (mw 300+)	US	28/10/99	III	NA		Mobil
Surfol 12/70	12 n-dodecyl alcohol	US	22/06/99	B	3		Huntsman
Surfol 1214	12 Dodecyl alcohol	US	30/08/99	B	3		Huntsman
Synfluid 2 cSt PAO	18 Polyolefin (mw 300+)	US	02/07/87	III	NA		Chevron
Synfluid 4 cSt PAO	18 Polyolefin (mw 300+)	US	13/08/87	III	NA		Chevron

IMO Tripartite Agreement List 2

Pollutant only mixtures, classified by calculation or assessed as a whole

Tradename	n.o.s. Contains	Rep	Receive Date	Cat	ST	Remark	Company
Synfluid 6 cSt PAO	18 Polyolefin (mw 300+)	US	13/08/87	III	NA		Chevron
Synfluid 8 cSt PAO	18 Polyolefin (mw 300+)	US	13/08/87	III	NA		Chevron
Trioxitol G	15 Glycols and Glycol ethers	G	07/03/88	C	3		
Varsol 110	3 Alkyl (C5-C8) benzenes	B		A	2		Exxon
Varsol 120	11 Alkyl (C5-C8) benzenes	B		B	3		Exxon
Varsol 140	18 Iso- and cyclo-Alkanes (C12+)	B		III	NA		Exxon
Varsol 30	10 Alkyl (C3-C4) benzenes	B		A	3		Exxon
Varsol 40	10 Alkyl (C3-C4) benzenes	B		A	3		Exxon
Varsol 60	3 Alkyl (C3-C4) benzenes	B		A	2		Exxon
Varsol 6017	9 Alkyl (C3-C4) benzenes	B	10/07/97	A	3		Exxon
Varsol 80	3 Alkyl (C5-C8) benzenes	B		A	2		Exxon
Voranol CP3040	17 Polyether polyols	G		D	NA		Dow
Voranol CP3200	17 Polyether polyols	G		D	NA		Dow
Voranol CP3322	17 Polyether polyols	G		D	NA		Dow
Wacker silicate TES 40	17 Tetra ethyl silicate monomer/oligomer blend	B	14/03/97	D	NA		Bp
Waste methanol	13 Toluene	G		B	3		
XA 11226	11 Zinc alkyl dithiophosphate (C3-C14)	US	11/12/87	B	3	High viscosity	Chevron
Y-2360	15 Zinc alkyl dithiophosphate (C3-C14)	US	12/10/99	C	3	High viscosity	Lubrizol
YA 266	15 Zinc alkyl dithiophosphate (C3-C14)	US	18/10/99	C	3	High Viscosity	Lubrizol
YA 267	17 Calcium long chain alkyl sulphonate (C11-C50)	US	25/11/99	D	NA		Lubrizol
YA 382	15 Zinc alkyl dithiophosphate (C3-C14)	US	18/10/99	C	3	High Viscosity	Lubrizol

IMO Tripartite Agreement List 3

Tradename mixtures/substances with safety hazards which are not expected to enter the Code

Tradename	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I'	I''	J	K	L	M	N	O	Company
Bio Add	Formic acid	B	DK	08/05/98	17/12/01	D	S	3	2G	Cont	No	T1	IIA	No	R	T(v) F	A	Y3	E	15.11.2 to 15.11.4, 15.11.6 to 15.11.8, 15.19.6	Bp
BLEND TN-160	Vinyltoluenes	NL	All countries	23/09/96	None	A	S/P	2	2G	Cont	Pad			No	C	F-T	B-D		E	15.12, 15.19.6, 15.21, 16.6.1, 16.6.2	Dow
C9 Resinfeed (DSM)	Naphthalene, Methylstyrene, Vinyltoluene	NL	All countries		None	A	S/P	2	2G	Cont	No	T1	IIA	No	R	F-T	B,D	N1	E	15.13, 15.19.6	Dsm
Catoxid feedstock	Mixture of chlorinated hydrocarbons	NL	All countries		None	B	S/P	2	2G	Cont	No	T1	IIA	No	C	F-T	A,D	Z,N 1	E	15.12, 15.16.1, 15.17, 15.19	
Concentrate 99 (Intertech)	1-(hydroxyethyl)-2-(heptadecyl) imidazoline	NL	N, SA	15/11/99	17/12/02	B	s/P	3	2G	Cont	No	T2	IIA	No	C	F-T	A	N1	E	15.19	Intertech
Depentanized hydrotreated gasoline (ICI)	Benzene, Styrene and Naphthalene	G	F, NL	09/12/99	17/12/01	B	S/P	3	2G	Cont	No	T1	IIA	No	C	F-T	A,B		No	15.12.1, 15.19, 15.19.6, 16.2.9	ICI
EPON 1124-A-80	Brominated epoxy resin	US	LI, NL, N, PA	22/01/98	17/12/01	A	S/P	2	2G	Cont	No			No	C	F-T	A,B, C,D		E	15.12, 15.16.1, 15.19	Shell
Ethyleneamine EA 1302	Ethyleneamine	NL	All countries	07/03/89	None	C	S/P	2	2G	Cont	No	T2	IIA	No	R	F-T	A	N1	No	15.19.6, 16.2.9	Dow
HiTEC 321	Sulphohydrocarbon Long chain (C18+) alkylamine	US	All countries	01/08/93	None	B	S/P	3	2G	Cont	No			Yes	O	No	A		No	15.19.6, 16.2.9, 16.2.6, 16A.2.2	Ethyl
Isoprene concentrate (Shell)	Isoprene with Pentanes and Pentenenes	NL	All countries	05/12/91	None	C	S/P	3	2G	Cont	No	T3	IIB	No	R	F	B		No	15.13, 15.14, 16.6.1, 16.6.2	Shell
NEMO 7021	Alkyl (C7-C9) nitrates and Dodecylamine/Tetradecylamine mixtures	G		05/06/98	17/12/01	B	S/P	2	2G	Cont	No			Yes	R	T	A,D	N2	No	15.19.6	Shell
NIAX POLYOL APP 240C	Phthalate based polyester polyol	US	All countries	21/12/90	None	D	S	3	2G	Open	No			Yes	O	No	A		No		Union Carbide
Resin Intermediate RI- 1116		US	LI, NL	13/11/98	17/12/01	D	S	3	2G	Open	No			No	Ope n	F	A, C, D		No	15.16.1, 15.19.6	Texmark
Roehm monomer 6615	Methacrylates (C12-C15)	D	All countries	21/09/94	None	D	S	3	2G	Cont	No			Yes	R	No	ACD	N4	No	15.12.1, 15.13, 15.17, 15.19.6, 16.6.1, 16.6.2	Roehm
ROUNDUP	Glyphosate (containing corrosive surfactant)	US	All countries	01/02/90	None	B	S/P	3	2G	Open	No			Yes	O	No	AB	Y1	No	15.19.6, 16.2.6	Monsanto
SAP 7001	Alkyl (C7-C9) nitrates	NL	All countries	22/09/92	None	B	S/P	2	2G	Open	No			Yes	O	No	A,B		No	15.19.6, 15.20, 16.6.1 to 16.6.3	Shell
SAP 7021	Dodecylamine/Tetracyclamine mixture	F	NL, I, D, LI, N	17/11/97	17/12/00	B	S/P	2	2G	Cont	No			Yes	R	T	A,D	N2	No	15.19.6	Shell
Ucarsol CR Solvent 302 SG	Methyldiethanolamine blend	US	All countries	23/01/91	None	D	S	3	2G	Open	No			Yes	O	No	A	N2	No		Union Carbide

IMO Tripartite Agreement List 4
Pollutant only mixtures with >3% unassessed components

Tradename	n.o.s.	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	ST	Remark	Company
Aromatic polyester polyol, Diethylene glycol mixture			US	B, LI, NL, PA	20/10/98	17/12/01	C	3		Hoechst
Benzoflex 2088	17	Diethylene glycol dibenzoate	US	BS, GR, LI, NL, N, PA, VQ, G	30/03/99	17/12/02	[D]	NA		Velsicol
Benzoflex 2160	17	Diethylene glycol dibenzoate	US	BS, GR, LI, NL, N, PA, VQ, G	02/04/99	17/12/02	[D]	NA		Velsicol
Benzoflex 2466	17	Diethylene glycol dibenzoate	US	BS, GR, LI, NL, N, PA, VQ, G	02/04/99	17/12/02	[D]	NA		Velsicol
Benzoflex 2860	17	Diethylene glycol dibenzoate	US	BS, GR, LI, NL, N, PA, VQ, G	02/04/99	17/12/02	[D]	NA		Velsicol
Benzoflex 2888	17	Diethylene glycol dibenzoate	US	BS, GR, LI, NL, N, PA, VQ, G	30/03/99	17/12/02	[D]	NA		Velsicol
Benzoflex 50	0	Dipropylene glycol dibenzoate	US	HX, MA, RS, BS, GR, LI, N, PA, VQ, G	07/04/99	17/12/02	[D]	NA		Velsicol
Clearway 1	18	Potassium acetate	B	DK, N, S	01/04/97	17/12/00	III	NA		Bp
Clearway 3	18	Potassium acetate	B	DK, N, S	01/04/97	17/12/00	III	NA		Bp
Coatex M 777	18	Sodium poly(4+)acrylate solution	F		18/05/98	17/12/01	III	NA		Coatex
Coatex PSO 70	18	Sodium poly(4+)acrylate solution	F		18/05/98	17/12/01	III	NA		Coatex
DSM Premium Octane Pyrolysis Gasoline	13	Ethyl Benzene	NL	US	17/12/97	17/12/00	B	3		Dsm
FINAGREEN BDMF	17	Ester of unsaturated long chain fatty acid	B		04/09/98	17/12/01	D	NA		Fina
FLO MO TD-20A	11	Ethoxylated tallow amine	US	AR, BS, BR, LI, PA, RS	08/06/99	17/12/02	B	3	High viscosity, Solidifying	Mandava
HiTEC 2404	11	2,6-ditertiary butyl phenol	US		28/06/99	17/12/02	B	3	High viscosity, Solidifying	Ethyl
MOBILAD G252	3	Alkyl (C12-C14) amines	US	BS, B, GR, LI, NL, N, PA, VQ, RS	21/04/99	17/12/02	A	2		Mobil

ANNEX 5
LIST OF COUNTRY ABBREVIATIONS
Part 1 - Code Order

Code	Country	Code	Country
A	Austria	CN	China
AA	Australia	CO	Colombia
AB	Albania	CR	Costa Rica
AF	Afghanistan	CU	Cuba
AK	Antigua and Barbuda	CV	Cape Verde
AN	Angola	CY	Cyprus
AR	Argentina	D	Germany
B	Belgium	DH	Qatar
BD	Botswana	DJ	Djibouti
BDI	Burundi	DK	Denmark
BF	Burkina Faso	DO	Dominica
BG	Bulgaria	DR	Dominican Republic
BH	Bosnia and Herzegovina	DZ	Algeria
BI	Guinea Bissau	E	Spain
BJ	Bangladesh	ED	Ecuador
BM	Myanmar	EE	Estonia
BN	Benin	EG	Equatorial Guinea
BN	Bahrain	EI	Ireland
BR	Brazil	EM	United Arab Emirates
BS	Bahamas	ER	Eritrea
BT	Bhutan	ET	Ethiopia
BU	Brunei Darussalam	F	France
BV	Bolivia	FJ	Fiji
BZ	Belize	FL	Liechtenstein
C	Czech Republic	FM	Micronesia (Federated States of)
CA	Canada	G	United Kingdom
CE	Sri Lanka	GA	Grenada
CH	Switzerland	GE	Guinea
CI	Cote d'Ivoire	GH	Ghana
CL	Chile	GI	Georgia

Code Country

GO Gabon
GR Greece
GU Guatemala
GV Gambia
GY Guyana
H Hungary
HN Haiti
HO Honduras
HQ Solomon Islands
HX Hong Kong, China (Associate Member)
I Italy
IA Indonesia
IK Iraq
IL Israel
IN India
IR Iran (Islamic Republic of)
IS Iceland
IW Mauritius
J Japan
JA Jamaica
JO Jordan
K Korea, Republic of
KA Cambodia
KC Saint Kitts and Nevis
KD Chad
KE Kenya
KG Congo
KH Kyrgyzstan
KI Kiribati
KN Cameroon
KO Comoros
KP Korea, Democratic People's Republic of
KT Kuwait
KZ Kazakhstan
LC Saint Lucia

Code Country

LE Lebanon
LI Liberia
LO Lesotho
LS Lao People's Democratic Republic
LU Luxembourg
LV Latvia
LY Libyan Arab Jamahiriya
M Morocco
MA Malaysia
MD Moldova, Republic of
ME Mexico
MF Maldives
MG Madagascar
MH Mongolia
MI Malawi
MJ Mali
MO Mozambique
MQ Mauritania
MS Marshall Islands
MW Malta
N Norway
NE Papua New Guinea
NG Nigeria
NH Vanuatu
NI Niger
NK Nicaragua
NL Netherlands
NP Nepal
NZ New Zealand
ON Oman
P Portugal
PA Panama
PE Peru
PH Philippines
PK Pakistan

Code Country

PL Poland
PY Paraguay
R Romania
RC Central African Republic
RH Croatia
RS Singapore
RW Rwanda
S Sweden
SA South Africa
SB Samoa
SD Sudan
SF Finland
SG Senegal
SI Slovenia
SJ Saudi Arabia
SK Slovakia
SL Sierra Leone
SM Somalia
SN Suriname
SO San Marino
SR El Salvador
ST Sao Tome et Principe
SU Russian Federation
SY Syrian Arab Republic
SZ Seychelles
TG Togo
TH Thailand
TJ Tajikistan
TM Turkmenistan
TN Tunisia
TR Turkey
TS Tonga
TV Tuvalu
UG Uganda
UN Egypt

Code Country

US United States
UX Ukraine
UY Uruguay
UZ Uzbekistan, Republic of
VC Venezuela
VQ Saint Vincent and the Grenadines
VT Viet Nam
WB Barbados
WD Swaziland
WG Trinidad and Tobago
WK Namibia
YE Yemen
YU Yugoslavia
ZA Zambia
ZR Congo, Democratic Republic of the
ZV Nauru
ZW Zimbabwe

ANNEX 5
LIST OF COUNTRY ABBREVIATIONS
Part 2 - Country Order

Code	Country	Code	Country
AF	Afghanistan	CL	Chile
AB	Albania	CN	China
DZ	Algeria	CO	Colombia
AN	Angola	KO	Comoros
AK	Antigua and Barbuda	KG	Congo
AR	Argentina	ZR	Congo, Democratic Republic of the
AA	Australia	CR	Costa Rica
A	Austria	CI	Cote d'Ivoire
BS	Bahamas	RH	Croatia
BN	Bahrain	CU	Cuba
BJ	Bangladesh	CY	Cyprus
WB	Barbados	C	Czech Republic
B	Belgium	DK	Denmark
BZ	Belize	DJ	Djibouti
BN	Benin	DO	Dominica
BT	Bhutan	DR	Dominican Republic
BV	Bolivia	ED	Ecuador
BH	Bosnia and Herzegovina	UN	Egypt
BD	Botswana	SR	El Salvador
BR	Brazil	EG	Equatorial Guinea
BU	Brunei Darussalam	ER	Eritrea
BG	Bulgaria	EE	Estonia
BF	Burkina Faso	ET	Ethiopia
BDI	Burundi	FJ	Fiji
KA	Cambodia	SF	Finland
KN	Cameroon	F	France
CA	Canada	GO	Gabon
CV	Cape Verde	GV	Gambia
RC	Central African Republic	GI	Georgia
KD	Chad	D	Germany

Code Country

GH Ghana
GR Greece
GA Grenada
GU Guatemala
GE Guinea
BI Guinea Bissau
GY Guyana
HN Haiti
HO Honduras
HX Hong Kong, China (Associate Member)
H Hungary
IS Iceland
IN India
IA Indonesia
IR Iran (Islamic Republic of)
IK Iraq
EI Ireland
IL Israel
I Italy
JA Jamaica
J Japan
JO Jordan
KZ Kazakhstan
KE Kenya
KI Kiribati
KP Korea, Democratic People's Republic of
K Korea, Republic of
KT Kuwait
KH Kyrgyzstan
LS Lao People's Democratic Republic
LV Latvia
LE Lebanon
LO Lesotho
LI Liberia
LY Libyan Arab Jamahiriya

Code Country

FL Liechtenstein
LU Luxembourg
MG Madagascar
MI Malawi
MA Malaysia
MF Maldives
MJ Mali
MW Malta
MS Marshall Islands
MQ Mauritania
IW Mauritius
ME Mexico
FM Micronesia (Federated States of)
MD Moldova, Republic of
MH Mongolia
M Morocco
MO Mozambique
BM Myanmar
WK Namibia
ZV Nauru
NP Nepal
NL Netherlands
NZ New Zealand
NK Nicaragua
NI Niger
NG Nigeria
N Norway
ON Oman
PK Pakistan
PA Panama
NE Papua New Guinea
PY Paraguay
PE Peru
PH Philippines
PL Poland

Code Country

P Portugal
DH Qatar
R Romania
SU Russian Federation
RW Rwanda
KC Saint Kitts and Nevis
LC Saint Lucia
VQ Saint Vincent and the Grenadines
SB Samoa
SO San Marino
ST Sao Tome et Principe
SJ Saudi Arabia
SG Senegal
SZ Seychelles
SL Sierra Leone
RS Singapore
SK Slovakia
SI Slovenia
HQ Solomon Islands
SM Somalia
SA South Africa
E Spain
CE Sri Lanka
SD Sudan
SN Suriname
WD Swaziland
S Sweden
CH Switzerland
SY Syrian Arab Republic
TJ Tajikistan
TH Thailand
TG Togo
TS Tonga
WG Trinidad and Tobago
TN Tunisia

Code Country

TR Turkey
TM Turkmenistan
TV Tuvalu
UG Uganda
UX Ukraine
EM United Arab Emirates
G United Kingdom
US United States
UY Uruguay
UZ Uzbekistan, Republic of
NH Vanuatu
VC Venezuela
VT Viet Nam
YE Yemen
YU Yugoslavia
ZA Zambia
ZW Zimbabwe

ANNEX 6
OIL-LIKE SUBSTANCES

Substance	Pollution Category	Hazard	Ship Type
Aviation alkylates (C8 paraffins and iso-paraffins BPT 95 - 120°C) (bb)	(C)	P	3
Cycloheptane (bb)	(C)	P	3
Cyclohexane (bb)	C	P	3
Cyclopentane (bb)	(C)	P	3
p-Cymene (bb)	C	P	3
Ethylcyclohexane (bb)	(C)	P	3
Heptane (all isomers) (bb)	(C)	P	3
Heptene (all isomers) (bb)	C	P	3
Hexane (all isomers) (bb)	(C)	P	3
Hexene (all isomers) (bb)	(C)	P	3
Isopropylcyclohexane (bb)	(C)	P	3
Methylcyclohexane (bb)	(C)	P	3
Nonane (all isomers) (bb)	(C)	P	3
Octane (all isomers) (bb)	(C)	P	3
Olefin mixtures (C5-C7) (bb)	C	P	3
Pentane (all isomers) (bb)	(C)	P	3
Pentene (all isomers) (bb)	C	P	3
1-Phenyl-1-xylyl ethane (bb)	C	P	3

NA means that the product is listed in chapter 18 of the IBC Code

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ANNEX 6

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Substance	Pollution Category	Hazard	Ship Type
Propylene dimer (bb)	(C)	P	3
Tetrahydronaphthalene (bb)	C	P	3
Toluene (bb)	C	P	3
Xylenes (bb)	C	P	3

NA means that the product is listed in chapter 18 of the IBC Code

ANNEX 7
SUBSTANCES NOT SHIPPED IN PURE FORM BUT
AS COMPONENTS IN MIXTURES

Substance	Pollution Category	Hazard	Ship Type
Borax	D		NA
Chlorinated paraffins (C18+) with any level of chlorine	D		NA
Diphenylol propane	[B]		[3]
Methylene bridged isobutenylated phenols	(B)	P	(3)
Nalco 5740S Antifoam	[B]		[3]
Polyether, borated	B	P	3
Poly (17+) olefin amine	C	P	3
Sodium nitrate	III		NA
Sodium nitrite (solid)	B		3
Tolyl triazole	[C]		[3]

NA means that the product is listed in chapter 18 of the IBC Code

ANNEX 8

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MEPC.2/Circ.4

ANNEX 8

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Chief, Technical Division
Maritime Operations Department
Office of the Marshall Islands Maritime
Administrator
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ANNEX 9
LIST OF MANUFACTURERS AUTHORIZED TO CONDUCT
POLLUTANT-ONLY ASSESSMENTS BY CALCULATION

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ANNEX 10
LUBE-OIL ADDITIVES

Substance	Pollution Category	Hazard	Ship Type
Alkaryl polyethers (C9-C20)	B	P	3
Alkenyl (C11+) amide	D		NA
Alkyl(C8+)amine, Alkenyl (C12+) acid ester mixture	D		NA
Alkyl (C11-C17) benzene sulphonic acid	B	S/P	3
Alkylbenzene sulphonic acid, sodium salt solution	C	P	3
Alkyldithiothiadiazole (C6-C24)	D		NA
Alkyl (C8-C40) phenol sulphide	D		NA
Alkyl (C8-C9) phenylamine in aromatic solvents	A	P	3
Alkyl(C10-C20, saturated and unsaturated) phosphite	C	P	3
Aryl polyolefins (C11-C50)	D		NA
Boric acid	D		NA
Calcium alkyl (C9) phenol sulphide/Polyolefin phosphorusulphide mixture	A	P	2
Calcium long-chain alkaryl sulphonate (C11-C50)	D		NA
Calcium long-chain alkyl(C5-C10) phenate	C	P	3
Calcium long-chain alkyl(C11-C40) phenate	D		NA
Calcium long-chain alkyl phenate sulphide (C8-C40)	D		NA
Calcium long-chain alkyl phenolic amine (C8-C40)	III		NA
Calcium long-chain alkyl salicylate (C13+)	C	P	3

NA means that the product is listed in chapter 18 of the IBC Code

Substance	Pollution Category	Hazard	Ship Type
Chlorinated paraffins (C18+) with any level of chlorine	D		NA
Dialkyl (C8-C9) diphenylamines	D		NA
Dibutyl hydrogen phosphonate	B	P	3
Diphenylamine, reaction product with 2,2,4-Trimethylpentene	(A)	S/P	1
Diphenylamines, alkylated	A	P	2
Dodecyl hydroxypropyl sulphide	A	P	1
Glycerol monooleate	D		NA
Long-chain alkaryl polyether (C11-C20)	C	P	3
Long-chain alkaryl sulphonic acid (C16-C60)	D		NA
Long-chain alkylphenate/Phenol sulphide mixture	III		NA
Magnesium long-chain alkaryl sulphonate (C11-C50)	D		NA
Magnesium long-chain alkyl salicylate (C11+)	C	P	3
Olefin-Alkyl ester copolymer (molecular weight 2000+)	D		NA
Oleylamine	A	S/P	2
Phosphate esters, alkyl (C12-C14) amine	B	P	3
Polyalkyl (C10-C20) methacrylate	D		NA
Polyether (molecular weight 2000+)	D		NA
Polyether, borated	B	P	3
Polyisobutenyl anhydride adduct	III		NA
Polyolefin (molecular weight 300+)	III		NA
Polyolefin amide alkeneamine borate (C28-C250)	D		NA

NA means that the product is listed in chapter 18 of the IBC Code

Substance	Pollution Category	Hazard	Ship Type
Polyolefin amide alkeneamine polyol	D		NA
Polyolefinamine (C28-C250)	C	P	3
Polyolefinamine in alkyl (C2-C4) benzenes	(C)	P	3
Polyolefin aminoester salt	(C)	P	3
Polyolefin anhydride	D		NA
Polyolefin ester (C28-C250)	D		NA
Polyolefin phenolic amine (C28-C250)	D		NA
Polyolefin phosphorosulphide, barium derivative (C28-C250)	C	P	3
Sulphohydrocarbon (C3-C88)	D		NA
Sulpho hydrocarbon long chain (C18+) alkylamine mixture	B	P	3
Sulphurized fat (C14-C20)	D		NA
Sulphurized polyolefinamide alkene (C28-C250) amine	D		NA
Tall oil fatty acid, barium salt	B	S/P	3
Zinc alkaryl dithiophosphate (C7-C16)	(C)	P	3
Zinc alkyl dithiophosphate (C3-C14)	B	P	3

NA means that the product is listed in chapter 18 of the IBC Code

ANNEX 11
HYDROCARBON FAMILIES IN THE IBC CODE

Substance	Pollution Category	Hazard	Ship Type
Alkanes (C6-C9)	(C)	P	3
Iso- and cyclo-alkanes (C10-C11)	D		NA
Iso- and cyclo-alkanes (C12+)	III		NA
n-Alkanes (C10+)	III		NA
Alkyl (C3-C4) benzenes	A	P	3
Alkyl (C5-C8) benzenes	A	P	2
Alkyl(C9+)benzenes	III		NA
Poly(2+)cyclic aromatics	A	P	2

NA means that the product is listed in chapter 18 of the IBC Code