

4 ALBERT EMBANKMENT  
LONDON SE1 7SR  
Telephone: +44 (0)20 7735 7611 Fax: +44 (0)20 7587 3210

MEPC.2/Circ.20  
17 December 2014

## PROVISIONAL CATEGORIZATION OF LIQUID SUBSTANCES

### 1 Introduction

This circular is issued in accordance with regulation 6.3 of MARPOL Annex II, replacing all previously issued circulars under this title.

### 2 Lists of annexes

2.1 The circular includes the following annexes:

- annex 1:** List 1: Pure or technically pure products;
- annex 2:** List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO;
- annex 3:** List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards;
- annex 4:** List 4: Pollutant only mixtures containing one or more components, forming more than 1% by weight of the mixture, which have not yet been assessed by IMO;
- annex 5:** List 5: Substances not shipped in pure form but as components in mixtures;
- annex 6:** Synonyms for vegetable oils;
- annex 7:** Country abbreviations;
- annex 8:** Tripartite contact addresses;
- annex 9:** Manufacturers authorized to conduct pollutant-only assessments by calculation;
- annex 10:** Cleaning additives; and
- annex 11:** Biofuels recognized under the *2011 Guidelines for the carriage of blends of petroleum oil and bio-fuels*.

2.2 Annexes 1 to 5 set out lists of Noxious Liquid Substances (NLS) (or products, as they are referred to hereinafter), by category, with associated carriage requirements, as assessed and confirmed by the ESPH Working Group of the PPR Sub-Committee, or as established under tripartite agreements and communicated to the Organization, in accordance with regulation 6.3 of MARPOL Annex II. Annexes 6 to 8 and 11 are intended to facilitate the reporting of tripartite agreements and the interpretation of abbreviations used in annexes 1 to 5.

### **3 Notes related to the annexes**

#### ***Product Lists (Annexes 1 to 5)***

3.1 The majority of products contained within this circular are trade-named substances. Since trade names are not translated, these products have been recorded exactly as communicated to the Organization and the lists are issued in English only.

3.2 The present circular incorporates the following amendments to the information set out in the previous circular (i.e. MEPC.2/Circ.19):

- .1 any new products, trade-named mixtures, and cleaning additives that have been assessed by the ESPH Working Group during the year;
- .2 amendments to existing product entries included in the product lists; and
- .3 new product entries covered by any new tripartite agreements communicated to the Organization since the previous circular.

3.3 Any amendments made to the product lists (annexes 1 to 5) since the previous issue of the circular are identified by shading of the field in which a change has been made.

3.4 In certain cases, products may have been deleted from the product lists due to the following reasons:

- .1 changes have been made to the product names (trade-named products);
- .2 withdrawal of products that are no longer manufactured or shipped (trade-named products); or
- .3 entries that were covered by tripartite agreements and have reached their expiry dates, but for which no requests for assessment were received.

3.5 Notwithstanding the above, if a tripartite agreement expires, or there is a change in carriage requirements for a product from the preceding to the new circular while a shipment is in transit, then the carriage requirements at time of loading will apply.

3.6 Products marked with an asterisk (\*) indicate that deviations from the normal assignment criteria, as set out in chapter 21 of the IBC Code, were used for the assignment of certain carriage requirements.

3.7 The definition of list 1 products, as contained in the present circular, corresponds to the definition of products covered by the IBC Code. Products included in this list are either covered by a tripartite agreement, with an expiry date, i.e. have not yet been assessed nor had their carriage requirements confirmed, or have had changes made to their carriage requirements subsequent to the latest set of amendments to the IBC Code. Such products

will be duly moved to the IBC Code when next amended. The remaining product lists (annexes 2 to 5) do not correspond to lists contained within the IBC Code and entries contained in these lists will remain in the circular, subject to the provisions of paragraph 3.3 above.

### **Country and Territory Codes (annex 7)**

3.8 The list of country and territory abbreviations is that used in the Global Integrated Shipping Information System (GISIS), the system used by the Organization as the repository for all product information received and decisions taken regarding the assignment of hazard profiles (by GESAMP-EHS) and carriage requirements (by the ESPH Working Group), for each product.

3.9 These codes are based on the standard UN/Locode system, a geographic code scheme developed and maintained by the United Nations Economic Commission for Europe (UNECE), a United Nations body. These codes are included in annex 7. Part 1 of annex 7 presents entries by code order, whilst part 2 gives a listing by country/territory order.

### **Cleaning additives (annex 10)**

3.10 MARPOL Annex II sets out limits for the discharge of Noxious Liquid Substances and includes restrictions on the types of cleaning additives that can be used in tank washing operations as follows:

"13.5.2 When small amounts of cleaning additives (detergent products) are added to water in order to facilitate tank washing, no additives containing pollution category X components shall be used except those components that are readily biodegradable and present in a total concentration of less than 10%. No restrictions additional to those applicable to the tank due to the previous cargo should apply."

3.11 All cleaning additives set out in this circular (annex 10) have been evaluated by the ESPH Working Group, in accordance with the provisions set out in the Revised tank cleaning additives guidance note and reporting form (MEPC.1/Circ.590), and have been found to meet the requirements of regulation 13.5.2 of MARPOL Annex II.

### **Blends of petroleum oil and biofuels**

3.12 Annex 11 sets out the list of approved biofuel/petroleum oil blends, as covered by the *2011 Guidelines for the carriage of blends of petroleum oil and bio-fuels* (MEPC.1/Circ.761/Rev.1).

## **4 Notification of new entries under tripartite agreements**

4.1 *Guidelines for the provisional assessment of liquids transported in bulk* are set out in MEPC.1/Circ.512. When notifying the Organization of any provisional assessment made under a tripartite agreement, Administrations are requested to:

- .1 specify the list in which the product entry should be entered; and
- .2 provide all relevant data to be included in the circular.

4.2 In addition, to further assist countries in determining the carriage requirements for products in bulk, a summary of "References to related Information and recommendations for ascertaining the carriage requirements for products shipped in bulk" has been published on the IMO website and can be accessed at:

<http://www.imo.org/OurWork/Environment/PollutionPrevention/ChemicalPollution/Pages/TripartiteAgreements.aspx>

by following the link under "Related Documents" in the right hand column of the page.

4.3 As the majority of products communicated to the Organization are classified by the "calculation method" (see MEPC.1/Circ.512) and are candidates for list 2, it is particularly important to provide the information to the Organization in a format that will facilitate efficient and accurate transfer to the database used to generate the various lists included in this circular.

4.4 For list 2 products, the preferred method is to send the information in the following format:

Reporting Country:	
Manufacturer:	
Trade name:	
List Number:	
Contains Name:	
Pollution Category (Cat):	
Ship Type (ST):	
n.o.s. Number:	
Melting Point (°C) (Mpt):	
Flash Point (c.c., °C) (Fpt):	
Viscosity @ 20°C (mPa.s) (V <sub>20</sub> ):	

4.5 For products to be included in lists 1, 3 or 4, the format shown in appendix 3 of the annex to MEPC.1/Circ.512 is preferred.

4.6 The receipt of incomplete data for a product will result in the submission being delayed, while the application is returned to the originator for further review.

4.7 While stressing the importance of correct data being supplied to the Organization, it should be noted that, in particular, when proposing a product for lists 2 or 4, the component with the greatest pollution potential should be specified following the word "Contains", in the Shipping Name. This is referred to as the "contains name". Such a component is that with the highest value obtained using the calculation method. In the event of there being more than one component with equivalent highest scores, discretion may be used in deciding whether one or both components should be identified in the "contains name". The name used for the component(s) should be one of those appearing in either chapters 17 or 18 of the IBC Code or in lists 1 or 5 of this circular.

4.8 It should also be noted that any noxious liquid substance offered for bulk shipment shall be indicated in the shipping document by the product name under which it is listed in chapter 17 or 18 of the IBC Code or the latest edition of the MEPC.2/Circular, or under which it has been provisionally assessed by tripartite agreement. In this respect, special attention

should be given to BLG.1/Circ.17 regarding the use of the proper shipping name in offering bulk liquid cargoes for shipment and to BLG.1/Circ.25, which deals with the use of specific product names rather than generic entries, when both options are available to describe a bulk liquid cargo.

4.9 When shipping a pollution hazard only mixture (list 2 or list 4 substances), the appropriate n.o.s. entry in the IBC Code, together with the trade name and "product contains" information, would form the proper shipping name. For example, if the trade name is IMO 1234 and it contains "Calcium long-chain alkyl salicylate (C13+)" as the component with the greatest pollution potential, then the correct product name could be:

**Noxious liquid, N.F., (5) n.o.s. (IMO 1234 contains Calcium long-chain alkyl salicylate (C13+)), ST 2, Cat Y**

4.10 The Master of a type 2 ship certified to carry n.o.s. products would then know that he can accept the cargo without concern for 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.

4.11 When shipping (trade-named) mixtures, i.e. trade-named mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards (list 3 substances), the trade name and "product contains" information would form the proper shipping name. For example, if the trade name is XYZ 4567 and it contains "hydrochloric acid" as the component with the greatest pollution or safety potential, then the correct product name should be:

- XYZ 4567 (contains hydrochloric acid); or
- XYZ 4567 contains hydrochloric acid.

## **5 Tripartite contact addresses**

5.1 In accordance resolution MEPC.109(49) related to tripartite agreements, Administrations that have not informed the Organization of their latest contact details should be deemed to have accepted the tripartite agreements, whilst other contact points should still follow regulation 6.3 of MARPOL Annex II.

5.2 Administrations are therefore encouraged to verify their respective contact information, as included in annex 8 of this circular, and correct any errors or omissions.

5.3 In this respect, it should be noted that tripartite agreement contact points are available through the GISIS database (<https://gisis.imo.org>) and that any required amendments may be made by the Administration concerned, directly in the database.

\*\*\*

TRIPARTITE AGREEMENTS  
List 1: Pure or technically pure products

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
Acrylic acid / ethenesulphonic acid copolymer with phosphonate groups, sodium salt solution		All countries		None	Z	P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	
Alkanes (C5-C7), linear and branched		All countries		None	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6
Alkanes (C10-C17), linear and branched		All countries		None	Y	S/P	2	2G	Cont	Inert	T3	IIB	No	R	F	ABC	No	15.19
Alkanes (C10-C26), linear and branched (flashpoint ≤60°C)		All countries		None	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
n-Alkanes (C9-C11)		All countries		None	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3,15.12.4, 15.19.6
Alkyl/cyclo (C4-C5) alcohols		All countries		None	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6
Alkylbenzenes mixture (containing naphthalene)		All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6
Alkyl (C10-C15, C12 rich) phenol poly (4-12) ethoxylate	SGP	CHN, HKG, MYS, PAN, PHL, THA	29/07/14	17/12/17	Y	P	2	2G	Open	No	-	-	Yes	O	No	A	No	15.19.6, 16.2.6
Aluminium hydroxide, sodium hydroxide, sodium carbonate solution (40% or less)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19
tert-Amyl ethyl ether		All countries		None	Z	P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6
Bio-fuel blends of jet fuels and alkanes (C10-C17), linear and branched (>25% but <99% by volume)	FIN	BHS, BEL, DNK, FRA, DEU, HKG, LBR, MLT, NLD, NOR, PAN, PRT, SGP, ESP, SWE, GBR, USA	08/12/14	17/12/17	X	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6
Bis(2-ethylhexyl) terephthalate		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6
2-Butoxyethanol (58%)/Hyperbranched polyesteramide (42%) (mixture)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12.3, 15.12.4, 15.19
Camelina oil		All countries		None	Y	S/P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6
Cyclohexane-1,2-dicarboxylic acid, diisononyl ester	DEU	BEL, CHN, CYM, GBR, HKG, JPN, KOR, LBR, MHL, MYS, NLD, NOR, PAN, SGP, THA	09/08/13	17/12/16	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AB	No	16.2.6
Cyclohexane oxidation products, sodium salts solution		All countries		None	Z	P	2	2G	Open	No	-	-	Yes	O	No	No	No	
tert-Dodecanethiol		All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
n-Dodecyl mercaptan		All countries		None	X	S/P	1	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
Fish silage	NOR	DNK, FIN	13/09/13	17/12/16	Z		NA											
Fluorosilicic acid solution (20-30%)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	Yes	15.11, 15.12, 15.17, 15.19

TRIPARTITE AGREEMENTS  
List 1: Pure or technically pure products

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
Fresh grinded fish by-products	NOR	DNK, FIN	13/09/13	17/12/16	Z		NA											
Glucitol/glycerol blend propoxylated (containing 10% or more amines)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
Grape Seed Oil		All countries		None	Y	S/P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6
Maleic anhydride/sodium allylsulphonate copolymer solution		All countries		None	Z	P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	
Methyl Cyclopentane	KOR	CHN, PAN	27/09/12	17/12/15	Z	P	3	2G	Cont	No	T2	IIA	No	R	F	ABC	No	15.19.6
Naphthalene crude (molten)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	No	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
n-Octyl mercaptan		All countries		None	X	S/P	1	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
Parachlorobenzotrifluoride	USA	CAN, CYM, CHN, HKG, ITA, LBR, MHL, NOR, PAN, PHL, GBR	02/08/12	17/12/15	Y	S/P	2	2G	Cont	No	T1	IIA	No	R	F	ABC	No	15.19.6
Piperazine, 68% solution		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9
(Polyisobutene) amino products in aliphatic hydrocarbons		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6
Poly(4+)isobutylene (MW>224)		All countries		None	X	P	2	2G	Open	No			Yes	O	No	AB	No	15.19.6, 16.2.6, 16.2.9
Polyisobutylene (MW≤224)		All countries		None	Y	P	2	2G	Open	No			Yes	O	No	AB	No	15.19.6, 16.2.9
Salt of polyamino carboxylic acid (70% or less) in KCL Brine Solution (4% or less)	GBR	DNK, NLD, NOR	07/03/12	17/12/15	Z	P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	
Soybean Oil Fatty Acid Methyl Ester		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.9
Tall oil soap, crude		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6

See footnotes in chapter 17 of the IBC Code if applicable.

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
AC 8330	5	Mineral oil	USA	06/10/06	Y	2	High Viscosity	Chevron Oronite SA
Additive ED95 102	10	Methyl tert-butyl ether	SWE	02/03/09	Z	3		SEKAB BioFuels & Chemicals
ALFOL 610 ADE ALCOHOL	5	Decyl alcohol (all isomers)	USA	12/11/07	Y	2		Sasol
Anglamol 99	5	Oleylamine	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Articscreen bio	8	Ethyl alcohol	NLD	21/11/11	Y	3		Silcompa
ASH 1925	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
ASH 2636	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
ASH-H	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
ASH-M	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		Petro-SA
B121212	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
B131717	5	Zinc alkyl dithiophosphate (C3-C14)	USA	25/03/10	Y	2	High Viscosity	Lubrizol
BAR 490	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
BE 95 SE	6	Mineral oil	FIN	14/09/09	Y	2		Neste Oil
BOC 6654	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Butoxypolyglycol Basic	5	Poly(2-8) Alkylene Glycol Monoalkyl (C1-C6) Ether Acetate)	USA	01/05/12	Y	2		Dow
C9/C10 AROMATICS	4	Trimethylbenzene (all isomers)	GBR	14/05/07	X	2		SABIC (UK)
CAN 17	9	Calcium nitrate, ammonium nitrate	NOR	18/04/07	Z	3		Yara International S. A.
CELANESE MAM BLEND	8	Dodecyl alcohol	USA	06/03/07	Y	3		Celanese
CF 2000	7	Iso- and cycloalkanes (C10-C11)	BEL	18/09/06	Y	3		ExxonMobil
CF 2100	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
CFX 2000	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
CFX 2100	7	Iso- and cycloalkanes (C10-C11)	BEL	18/09/06	Y	3		ExxonMobil
CN9	11	Less than 50% calcium nitrate, less than 10% ammonium nitrate	NOR	18/04/07	Z	NA		Yara International S. A.
DenatMix	10	Methyl tert-butyl ether	SWE	02/03/09	Z	3		SEKAB BioFuels & Chemicals
Dibasic esters	3	Dimethyl adipate	USA	19/01/07	X	2		Invista
DPAS 160, KemGuard 269	9	Maleic anhydride - sodium allylsulfonate copolymer	NOR	10/09/10	Z	3		Clariant Oil Services Scandinavia AS
ECOROL 24	5	Dodecyl alcohol	JPN	10/03/06	Y	2		Ecogreen
ED95 Base	11	Ethyl Alcohol	BRA	18/05/11	Z	NA		SEKAB BioFuels & Chemicals AB
EPF S20	8	Alkanes (C6-C9)	SGP	25/09/06	Y	3		ExxonMobil
Epikote TN 1001-X-75	4	Diphenol propane epichlorohydrin resins	NLD	02/03/06	X	2		Hexion Spec. Ch. BV
Escaid 100	3	Alkyl (C5-C8) benzenes	BEL	18/09/06	X	2		ExxonMobil



TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Escaid 110	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
Escaid 110 Special Fluid	7	iso- & cycloalkanes (C12+)	SGP	25/04/11	Y	3		ExxonMobil
Escaid 120	7	Iso- & cyclo- Alkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
Escaid 120ULA	7	Iso- & cyclo- Alkanes (C12+)	BEL	14/12/12	Y	3		ExxonMobil
Escaid 120ULA (H)	7	Iso- & cyclo-Alkanes (C12+)	BEL	06/05/13	Y	3		ExxonMobil
Etamax D	10	Methyl tert-butyl ether	SWE	25/11/08	Z	3		SEKAB BioFuels & Chemicals
Etamax UB	11	Ethyl alcohol	SWE	29/01/08	Z	NA		SEKAB BioFuels & Chemicals
ETHYLOL 78	11	Ethyl alcohol	ZAF	02/01/07	Z	NA		SASOL
ETHYLOL 95	11	Ethyl alcohol	ZAF	12/01/07	Z	NA		SASOL
ETHYLOL 99	11	Ethyl alcohol	ZAF	02/01/07	Z	NA		SASOL
Exxal 7 Alcohol	7	Heptanol (all isomers)	USA	24/11/06	Y	3		ExxonMobil
Exxal 8 Alcohol	5	Octanol (all isomers)	USA	16/10/06	Y	2		ExxonMobil
Exxal 9 Alcohol	5	Nonyl alcohol	NLD	19/10/06	Y	2		ExxonMobil
Exxal 10 Alcohol	5	Decyl Alcohol (all isomers)	USA	24/11/06	Y	2		ExxonMobil
Exxal 12 Alcohol	5	Undecyl alcohol	USA	10/11/11	Y	2		ExxonMobil
Exxal 13 Alcohol	5	Alcohols (C13+)	NLD	19/10/06	Y	2		ExxonMobil
Exxal L9 Alcohol	5	Nonyl alcohol (all isomers)	USA	16/03/07	Y	2		ExxonMobil
Exx-Print M 75 A	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
EXX-Print M74 A-S	7	Iso- & cyclo-Alkanes (C12+)	BEL	16/04/12	Y	3		ExxonMobil
Exx-Print T 76 A	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
Exx-Print T 82A	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
Exxsol D 30	3	Alkanes (C6-C9)	BEL	18/09/06	X	2		ExxonMobil
Exxsol D 40	5	Alkanes (C6-C9)	BEL	18/09/06	Y	2		ExxonMobil
Exxsol D 60	7	Iso- and cycloalkanes (C10-C11)	BEL	18/09/06	Y	3		ExxonMobil
Exxsol D 80	7	Iso- and cycloalkanes (C12+)	BEL	18/09/06	Y	3		ExxonMobil
Exxsol D 120	9	Iso- and cycloalkanes (C12+)	BEL	01/09/06	Z	3		ExxonMobil
Exxsol D 130 Fluid	7	Iso- and cyclo-alkanes (C12+)	SGP	15/05/07	Y	3		ExxonMobil
Exxsol D 140	9	Iso- and cycloalkanes (C12+)	BEL	01/09/06	Z	3		ExxonMobil
Exxsol D 180/200 SP	7	Iso- and cycloalkanes (C10-C11)	BEL	18/09/06	Y	3		ExxonMobil
Exxsol D 220/230	9	Iso- and cycloalkanes (C12+)	BEL	01/09/06	Z	3		ExxonMobil
Exxsol D60(S)	9	Iso- and cycloalkanes (C12+)	SGP	25/09/06	Z	3		ExxonMobil

## TRIPARTITE AGREEMENTS

## List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Exxsol D95	9	iso- & cycloalkanes (C12+)	SGP	25/01/11	Z	3		ExxonMobil Asia Pacific Pte Ltd
Exxsol D100	7	iso- and cyclo- alkanes (C12+)	BEL	01/09/06	Y	3		ExxonMobil
Exxsol D100 ULA (formerly Exxsol D100 S)	7	iso- and cyclo- alkanes (C12+)	BEL	01/09/06	Y	3		ExxonMobil
Exxsol D110	7	Alkyl (C5-C8) benzenes	SGP	25/09/06	Y	3		ExxonMobil
Exxsol DSP 60/95 S	4	Alkanes (C6-C9)	BEL	01/09/06	X	2		ExxonMobil
Exxsol DSP 60/95 SH	4	Alkanes (C6-C9)	BEL	01/09/06	X	2		ExxonMobil
Exxsol DSP 100/140	4	Alkanes (C6-C9)	BEL	01/09/06	X	2		ExxonMobil
Exxsol DSP 145/160	4	Alkanes (C6-C9)	BEL	01/09/06	X	2		ExxonMobil
Frostschutz	8	Ethylene glycol	NLD	01/05/07	Y	3		PROCAR B.V.
Glissopal 1000	5	Mineral oil	USA	25/01/07	Y	2		Chevron
Glissopal 2300	5	Mineral oil	USA	25/01/07	Y	2		Chevron
GLYCOL ETHER HE	9	Poly (2-8) alkylene glycol monoalkyl (1-6) ether	USA	21/11/08	Z	3		Lyondell
Gypton SA3360	7	2-Propene-1-aminium, N,N-dimethyl-N-2-propenyl, chloride homopolymer (solution)	NOR	22/10/13	Y	3		Champion Technologies
H.B.R. (Volatile Oil)	6	Cyclopentane	JPN	07/12/06	Y	2		H.B.R.
HAN 8070	3	Alkyl (C5-C8) benzenes	BEL	01/09/06	X	2		ExxonMobil
HAN 8572	1	Poly(2+)cyclic aromatics	BEL	01/09/06	X	1		ExxonMobil
HDM 10 Base	7	Rapeseed oil	GBR	10/11/06	Y	3	High Viscosity	Alchemy Oilfield
Hexene Dimate	5	Nonene (all isomers)	USA	07/11/06	Y	2		ExxonMobil
HITEC 6561	5	Dodecene (all isomers)	USA	06/11/07	Y	2		Afton
HiTEC 9300	5	Zinc alkyl dithiophosphate (C3-C14) and Mineral oil	USA	15/04/13	Y	2	High Viscosity	Afton Chemical Corporation
HiTEC 9345	5	Mineral oil	USA	21/05/12	Y	2	High Viscosity	Afton Chemical Corporation
HiTEC 9345G	5	Mineral oil	USA	21/05/12	Y	2	High Viscosity	Afton Chemical Corporation
HiTEC 9345T	5	Mineral oil	USA	04/03/11	Y	2	High Viscosity	Afton Chemical Corporation
HYDROTREATED C5 (HTC5)	8	Pentane (all isomers)	GBR	14/05/07	Y	3		SABIC (UK)
Infineum D1688	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum D3424	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum D3434	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum D1284	5	Zinc alkyl dithiophosphate (C3-C14)	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum D1288	5	Zinc alkyl dithiophosphate (C3-C14)	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum D1294	5	Mineral oil	ITA	23/11/06	Y	2	High Viscosity	Infineum
Infineum D1640	5	Mineral oil	ITA	29/02/08	Y	2	High Viscosity	Infineum

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Infineum D1642	5	Mineral oil	ITA	27/02/07	Y	2	High Viscosity	Infineum
Infineum D3348	5	Mineral oil	ITA	23/11/06	Y	2		Infineum
Infineum D3354	5	Mineral oil	ITA	23/11/06	Y	2	High Viscosity	Infineum
Infineum D3356	5	Mineral oil	ITA	23/11/06	Y	2	High Viscosity	Infineum
Infineum D3426	5	Mineral oil	ITA	26/10/07	Y	2	High Viscosity	Infineum
Infineum M7071	5	Mineral oil	SGP	26/09/06	Y	2		Infineum
Infineum M7081A	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum M7089	5	Mineral oil	SGP	26/09/06	Y	2		Infineum
Infineum M7090	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum P5066	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum P5151	5	Mineral oil	ITA	23/11/06	Y	2		Infineum
Infineum P5314	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum P5315	5	Mineral oil	SGP	26/09/06	Y	2	High Viscosity	Infineum
Infineum P5318	5	Mineral oil	ITA	29/02/08	Y	2	High Viscosity	Infineum
Infineum P5320	5	Mineral oil	ITA	27/02/07	Y	2	High Viscosity	Infineum
Infineum P5335	5	Mineral oil	SGP	05/12/07	Y	2	High Viscosity	Infineum
Infineum P5601	5	Mineral oil	ITA	20/09/10	Y	2	High Viscosity	Infineum
Infineum P6212	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	Y	2	High Viscosity	Infineum
Infineum P6213	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	Y	2	High Viscosity	Infineum
Infineum P6216	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	Y	2	High Viscosity	Infineum
Isopar G	7	Iso- and cycloalkanes (C10-C11)	BEL	01/09/06	Y	3		ExxonMobil
Isopar H	7	Iso- and cycloalkanes (C10-C11)	BEL	01/09/06	Y	3		ExxonMobil
Isopar L	7	Iso- and cycloalkanes (C12+)	BEL	01/09/06	Y	3		ExxonMobil
Isopar L (E)	7	Iso- and cycloalkanes (C12+)	BEL	16/06/14	Y	3		ExxonMobil
Isopar M	9	Iso- and cycloalkanes (C12+)	BEL	01/09/06	Z	3		ExxonMobil
ISO-PROPYLLOL	11	Isopropyl alcohol	ZAF	12/01/07	Z	NA		SASOL
KALCOL 1260	5	Dodecyl alcohol	MYS	10/11/06	Y	2		Fatty Chemical (MYS)
KALCOL 2465	5	Dodecyl alcohol	USA	14/06/06	Y	2		Fatty Chemical (MYS)
KALCOL 2470	5	Dodecyl alcohol	USA	14/06/06	Y	2		Fatty Chemical (MYS)
LI 36	8	Pentane (all isomers)	FIN	08/05/08	Y	3		Neste Oil
LI 200	6	White Spirit, low (15-20%) aromatic	FIN	08/05/08	Y	2		Neste Oil

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
LI 220 HF	5	White Spirit, low (15-20%) aromatic	FIN	08/05/08	Y	2		Neste Oil
LI AV 75	6	Hexane (all isomers)	FIN	08/05/08	Y	2		Neste Oil
LI AV 110	4	Heptane (all isomers)	FIN	08/05/08	X	2		Neste Oil
LI AV 200	8	Iso- and cyclo-alkanes (C10-C11)	FIN	08/05/08	Y	3		Neste Oil
LI AV 230	7	Iso- and cyclo-alkanes (C10-C11)	FIN	08/05/08	Y	3		Neste Oil
LI AV 250	7	Iso- and cyclo-alkanes (C10-C11)	FIN	08/05/08	Y	3		Neste Oil
LI AV 270	7	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	3		Neste Oil
LI AV 300	7	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	3		Neste Oil
LINEVOL 79	5	Nonyl alcohol (all isomers)	USA	14/05/07	Y	2		Shell
LINEVOL 711	5	Undecyl alcohol	USA	14/05/07	Y	2		Shell
LINEVOL 911	3	Undecyl alcohol	USA	14/05/07	X	2		Shell
LUBAD 1078	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
LUBAD 1397	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
LUBAD 1427	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 3589A	5	Mineral oil	USA	15/05/09	Y	2	High Viscosity	Lubrizol
Lubrizol 3589C	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 3589D	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 3700D	5	Alkenyl (C11+) Amide	USA	28/09/09	Y	2	High Viscosity	Lubrizol
Lubrizol 4800R	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 4952R	5	Zinc alkyl dithiophosphate (C3-C14)	USA	25/10/07	Y	2	High Viscosity	Lubrizol
Lubrizol 4980A	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 4981JD	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 4981XA	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 6950J	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 8687	5	Mineral oil	USA	26/03/10	Y	2	High Viscosity	Lubrizol
Lubrizol 8687S	5	Mineral oil	USA	26/06/07	Y	2	High Viscosity	Lubrizol
Lubrizol 9220	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 9222K	5	Calcium long chain alkyl phenate sulphide (C8-C40)	USA	14/08/09	Y	2	High Viscosity	Lubrizol
Lubrizol 9245	5	Calcium longchain alkyl phenate sulphide (C8-C40)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 9297	5	Calcium longchain alkyl phenate sulphide (C8-C40)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 9297J	5	Calcium long chain alkyl phenate sulphide (C8-C40)	USA	31/12/08	Y	2	High Viscosity	Lubrizol

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Lubrizol 9692A	5	Zinc alkaryl dithiophosphate (C7-C16)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 9827R	5	Alkenyl (C11+) amide	USA	18/04/08	Y	2	High Viscosity	Lubrizol
Lubrizol 9915A	5	Zinc alkaryl dithiophosphate (C7-C16)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 9990A	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 16008	5	Mineral oil	USA	03/03/08	Y	2	High Viscosity	Lubrizol
Lubrizol 16010	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 16010J	5	Mineral oil	USA	26/06/07	Y	2	High Viscosity	Lubrizol
Lubrizol 16011L	5	Mineral oil	USA	06/06/08	Y	2	High Viscosity	Lubrizol
Lubrizol 16012	5	Alkenyl(C11+)amide	USA	26/03/10	Y	2	High Viscosity	Lubrizol
Lubrizol 17001	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 19010	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 20003K	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 20015	5	Alkenyl (C11+) amide	USA	21/09/07	Y	2	High Viscosity	Lubrizol
Lubrizol 21021	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 48007	5	Mineral oil	USA	11/02/10	Y	2	High Viscosity	Lubrizol
Lubrizol 70103	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 70106	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 70128	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 70135	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 70140	5	Zinc alkyl dithiophosphate (C3-C14)	USA	14/05/07	Y	2	High Viscosity	Lubrizol
Lubrizol 70142	5	Mineral oil	USA	28/09/09	Y	2	High Viscosity	Lubrizol
Lubrizol 70175	5	Mineral oil	USA	14/08/09	Y	2	High Viscosity	Lubrizol
Lubrizol 71024	5	Mineral oil	USA	15/05/09	Y	2	High Viscosity	Lubrizol
Lubrizol 74090	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 74191	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 74262	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 74900	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 76103	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 76460	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 76892	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 78015	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Lubrizol 78040	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 79023	5	Calcium longchain alkyl phenate sulphide (C8-C40)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol 79522	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol A99	5	Oleylamine	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Lubrizol PV1127	5	Alkenyl (C11+) amide	USA	21/07/10	Y	2	High Viscosity	Lubrizol
MIX 30	12	Vegetable protein solution (hydrolysed)	USA	02/03/12	OS		High Viscosity	Agridyne LLC
MOSSPAR 1925	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
MOSSPAR 2636	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
MOSSPAR H	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
MOSSPAR M	7	Iso- and cyclo-alkanes (C12+)	ZAF	27/12/06	Y	3		PetroSA
MOSSPEN 10	8	Pentane (all isomers)	ZAF	27/12/06	Y	3		PetroSA
MOSSTANOL 120	8	n-Propyl alcohol	ZAF	27/12/06	Y	3		PetroSA
MOSSTANOL L	11	Ethyl alcohol	ZAF	27/12/06	Z	NA		PetroSA
MOSSTANOL P	6	Cyclopentanol	ZAF	28/01/07	Y	2		PetroSA
MTBE/ETBE Blend	10	Methyl tert-butyl ether	USA	06/11/12	Z	3		Lyondellbasell
Nappar 10	7	Alkanes (C6-C9)	BEL	10/03/10	Y	3		ExxonMobil
Neodol 23	5	Alcohols (C13+)	USA	15/01/07	Y	2		Shell
Neodol 24	5	Dodecyl alcohol	USA	21/11/08	Y	2		Shell
Neodol 25	5	Dodecyl alcohol	USA	01/03/07	Y	2		Shell
Neodol 79	5	Nonyl alcohol (all isomers)	USA	20/07/07	Y	2		Shell
Neodol 91	3	Undecyl alcohol	USA	16/03/07	X	2		Shell
Neodol 135	3	Undecyl alcohol	USA	25/01/07	X	2	High Viscosity	Shell
Neodol 145	3	Undecyl alcohol	USA	06/03/07	X	2		Shell
Neodol 245	5	Alcohols (C13+)	USA	04/12/07	Y	2	High Viscosity	Shell
NEXBASE@2002	5	Polyolefin (mw +300)	BEL	29/09/06	Y	2		Neste Oil
NEXBASE@2004	5	Polyolefin (mw +300)	BEL	29/09/06	Y	2		Neste Oil
NEXBASE@2006	5	Polyolefin (mw +300)	BEL	29/09/06	Y	2	High Viscosity	Neste Oil
NEXBASE@2008	5	Polyolefin (mw +300)	BEL	29/09/06	Y	2		Neste Oil
NEXBASE@3020	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2		Neste Oil
NEXBASE@3030	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2		Neste Oil
NEXBASE@3043	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2		Neste Oil

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
NEXBASE@3050	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2	High Viscosity	Neste Oil
NEXBASE@3060	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2	High Viscosity	Neste Oil
NEXBASE@3080	5	Iso- and cyclo-alkanes (C12+)	FIN	08/05/08	Y	2	High Viscosity	Neste Oil
Octimise G2003	5	Solvent naphta	BEL	27/02/07	Y	2		Innospec
Octimise G2048	5	Alkyl (C3-C4) benzenes	BEL	23/02/10	Y	2		Innospec
OLOA 219M	5	Calcium long chain alkyl phenate sulfide (C8-C40)	USA	02/03/07	Y	2	High Viscosity	Chevron
OLOA 219U	5	Calcium long chain alkyl phenate sulfide (C8-C40)	USA	02/03/07	Y	2	High Viscosity	Chevron
OLOA 275JD	5	Mineral oil	USA	06/06/08	Y	2		Chevron
OLOA 760AJ	5	Mineral oil	SGP	30/01/07	Y	2	High Viscosity	Chevron
OLOA 1571	5	Mineral oil	USA	25/01/07	Y	2		Chevron
OLOA 6814	5	Calcium long chain alkyl phenate sulfide (C8-C40)	USA	06/11/08	Y	2	High Viscosity	Chevron
OLOA 8827	5	Mineral Oil	USA	06/10/06	Y	2	High Viscosity	Chevron
OLOA 8827K	5	Mineral oil	USA	03/11/08	Y	2	High Viscosity	Chevron
OLOA 9842	5	Mineral oil	USA	21/02/07	Y	2	High Viscosity	Chevron
OLOA 15500	5	Mineral oil	USA	25/01/07	Y	2		Chevron
OLOA 48019	5	Zinc alkyl dithiophosphate (C3-C14) in mineral oil	FRA	01/02/11	Y	2	High Viscosity	Chevron
OLOA 49812	5	Mineral oil	USA	24/10/07	Y	2	High Viscosity	Chevron
OLOA 49814	5	Mineral oil	USA	24/10/07	Y	2	High Viscosity	Chevron
OLOA 49816	5	Mineral oil	FRA	19/08/08	Y	2	High Viscosity	Chevron
OLOA 50904	5	Mineral oil	USA	05/05/06	Y	2		Chevron
OLOA 59015	5	Mineral oil	USA	28/05/08	Y	2		Chevron
OLOA 59023A	5	Mineral oil	USA	02/12/08	Y	2	High Viscosity	Chevron
OLOA 59707	5	Mineral oil	USA	06/03/07	Y	2	High Viscosity	Chevron
OLOA 99470	5	Mineral oil	USA	21/02/07	Y	2	High Viscosity	Chevron
OrePrep F-597 Frother	7	1,6-Hexanediol distillation	USA	06/03/07	Y	3		CYTEC
Petrinex T9	3	Napthalene	GBR	14/05/07	X	2		SABIC (UK)
Product 70230	5	Zinc alkyl dithiophosphate (C3-C14)	USA	25/03/10	Y	2	High Viscosity	Lubrizol
PROP BH	8	n-Propyl alcohol	ZAF	12/01/07	Y	3		SASOL
R097671A	5	Alkenyl (C11+) amide	USA	30/09/06	Y	2	High Viscosity	Lubrizol
R-50428	7	Ethylene glycol	USA	15/05/07	Y	3		North American Shipbuilding
RM 50141	4	Propylene tetramer	USA	15/01/07	X	2		Chevron

TRIPARTITE AGREEMENTS  
List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
RM 100D	5	Polyolefin amide alkeneamine (C17+)	USA	26/06/07	Y	2	High Viscosity	Lubrizol
RM 163D	5	Zinc alkyl dithiophosphate (C3-C14)	USA	12/05/10	Y	2	High Viscosity	Lubrizol
RM 50132	4	Propylene tetramer	USA	05/11/08	X	2		Chevron
RM 50142	4	Propylene tetramer	USA	03/07/06	X	2		Chevron
RM 50440	4	Propylene tetramer	USA	03/11/08	X	2		Chevron
SA 266	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
SA 453	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
SA 464	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol
SABUTOL	8	n-Propyl alcohol	ZAF	15/01/07	Y	3		SASOL
SBP 60-95	4	Hexane (all isomers)	ISR	30/09/06	X	2		Gadiv
Scaletreat 8031D	11	L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	NOR	04/08/14	Z	2	High Viscosity	Clariant Oil Services Scandinavia AS
SCALETREAT 8241	9	Maleic anhydride - sodium allylsulfonate copolymer (aqueous solution)	NOR	06/10/10	Z	3		Clariant Oil Services Scandinavia AS
Scaletreat ST12595	11	Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	04/08/14	Z	2	High Viscosity	Clariant Oil Services Scandinavia AS
SCALETREAT TP 8106	9	Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	10/09/10	Z	3	High Viscosity	Clariant Oil Services
SCALETREAT TP 8106A	9	Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	GBR	01/10/13	Z	3		Clariant Oil Services UK Ltd
SELEXOL SOLVENT	7	Polyethylene glycol dimethyl ether	USA	21/11/08	Y	3		Dow
SOLGAD 100	6	Alkyl (C3-C4) benzenes	ISR	01/04/10	Y	2		Gadiv
SOLGAD 150	3	Alkyl (C5-C8) benzenes	ISR	30/09/06	X	2		Gadiv
SOLGAD 150ULN	3	Alkyl (C3-C4) benzenes	ISR	30/09/06	X	2		Gadiv
SOLGAD 200	3	Methyl naphtalene (molten)	ISR	30/09/06	X	2		Gadiv
SOLGAD 200ULN	3	Methyl naphtalene (molten)	ISR	30/10/06	X	2		Gadiv
SOLTROL 130	7	Iso- and cyclo-alkanes (C10-C11)	USA	02/05/08	Y	3		Chevron Phillips
Solvesso 100	5	Alkyl (C3-C4) benzenes	BEL	01/09/06	Y	2		ExxonMobil
Somentor 32	7	Iso- & cyclo- Alkanes (C12+)	BEL	29/03/12	Y	3		ExxonMobil
Somentor 32 S	9	iso- & cycloalkanes (C12+)	SGP	25/01/11	Z	3		ExxonMobil Asia Pacific Pte Ltd
Somentor 34	7	iso and cyclo-Alkanes (C12+)	NLD	30/10/13	Y	3		ExxonMobil
STOCK 22012	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
Varsol 30	3	Alkanes (C6-C9)	BEL	18/09/06	X	2		ExxonMobil
Varsol 40	5	Alkyl (C3-C4) benzenes	BEL	18/09/06	Y	2		ExxonMobil



TRIPARTITE AGREEMENTS

List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO

Tradename	n.o.s	Contains	Rep	Receive Date	Cat	ST	Remark	Company
Varsol 60	3	Alkyl (C5-C8) benzenes	BEL	18/09/06	X	2		ExxonMobil
Varsol 80	3	Alkyl (C5-C8) benzenes	BEL	18/09/06	X	2		ExxonMobil
Varsol 120	7	Alkyl (C5-C8) benzenes	BEL	01/09/06	Y	3		ExxonMobil
Varsol 140	7	Alkyl (C9+) benzenes	BEL	01/09/06	Y	3		ExxonMobil
Waxtreat 3553	5	Alkyl (C3-C4) benzenes	NOR	14/08/08	Y	2		Clariant Oil Services Scandinavia AS
Xylenes Concentrates	6	Ethylbenzene	GBR	30/09/06	Y	2		ExxonMobil
YA 266	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
YA 453	5	Mineral oil	USA	30/09/06	Y	2	High Viscosity	Lubrizol
YA 464	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	Y	2	High Viscosity	Lubrizol

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 1 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
10% Scaletreat 8199C in 6% NaCl	Phosphoric acid and Ethanolamine	NOR	GBR, NLD	25/11/13	17/12/16	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.19.6, 16.2.9	Clariant Oil Services Scandinavia AS
30% Scaletreat SD 12154 in KCl 3%	Potassium hydroxide	NOR	NLD, GBR	25/11/13	17/12/16	Z	S/P	3	2G	Cont	No	-	-	Yes	O	No	AC	No	16.2.9	Clariant Oil Services Scandinavia AS
50% Scaletreat SD 12154 in KCl 3%	Potassium hydroxide	NOR	NLD, GBR	25/11/13	17/12/16	Z	S/P	3	2G	Cont	No	-	-	Yes	O	No	AC	No	16.2.9	Clariant Oil Services Scandinavia AS
Amine DCT	Triethylenetetramine/2-piperazine-1-ylethylamine mixtures	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Dow Chemical
AP 13246	Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IND, IRL, ITA, JPN, KOR, LBR, MHL, MLT, MYS, NLD, NOR, PAN, PER, PHL, POL, SAU, SGP, SWE, VUT, ZAF	02/03/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Biopac II	Potassium Hydroxide	NOR	GBR	30/06/14	17/12/17	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9	Halliburton Sandinavia
BK Gasoline	Benzene and 1,3-Cyclopentadiene dimer (molten)	ITA	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19	Versalis SpA
BK Reformed/Platformed Gasoline	1,3-Cyclopentadiene dimer (molten) and styrene	ITA	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA
C5 Raffinate	1,3-cyclopentadiene dimer (molten) and isoprene	BRA	NOR, SGP, USA	15/02/12	17/12/15	Y	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.12, 15.13, 15.14, 15.17, 15.19.6, 16.6.2, 16.6.3	BRASKEM S.A

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 2 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
CA 354	Alkyl(C18-C28)toluene sulfonic acid, calcium salts, high overbase and mineral oil	SGP	CHN, HKG, MYS, PAN, PHL, THA	29/07/14	17/12/17	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.12, 15.19.6, 16.2.6	Chevron Oronite Company
Caromax 20	Alkyl (C3-C4) benzenes and Naphthalene	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Caromax 20/45	Alkyl (C3-C4) benzenes and Naphthalene	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Caromax 26	Methylnaphthalene and Poly (2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Caromax 28	Methynaphthalene and Poly (2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
CAS 29/75	Methylnaphthalene and Poly (2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
CGW80742P	Methyl alcohol and Heterocyclic quaternary ammonium salt	GBR	QAT, VCT	30/05/14	17/12/17	X	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	Yes	15.12, 15.17, 15.19	Baker Hughes
CL-31	Potassium metaborate and Boric acid	NOR	NLD, GBR	16/12/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.19, 16.2.9	Halliburton Scandinavia
Clairsol 350MHF	n-Alkanes (C10+)	GBR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Petrochem Carless
Clairsol CT-NA	n-Alkanes (C10+)	GBR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Petrochem Carless
Clairsol NS	n-Alkanes (C10+)	GBR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Petrochem Carless
Crosslinker TB-41	Borax	NOR	GBR, NLD	25/11/13	17/12/16	Y	S/P	3	2G	Cont	No	-	-	NF	C	No	No	No	15.19.6, 16.2.6, 16.2.9	Halliburton
CTC Crude Type A	Carbon Tetrachloride	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19	Ineos ChlorVinyls Ltd
D-Crude CTC	Carbon Tetrachloride	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	No	15.12, 15.17, 15.19	Dow Chemical
DM Preflush	2-Butoxyethanol	NOR	GBR	28/07/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.6, 16.2.9	Halliburton Scandinavia
Eastman VersaMax	Bis(2-ethylhexyl) terephthalate	USA	BRA, CYM, CHL, HKG, MHL, NLD, NOR, PAN, PHL, SGP, GBR	14/10/14	17/12/17	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Eastman Chemical Company
EB-8228	Poly(iminoethylene)-graft-N-poly(ethyleneoxy) solution (90%or less)	NOR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	MI-SWACO
EC1017B	Carbohydrazide	GBR	NOR	13/02/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19	Nalco Limited
EC1602A	Benzyl-(C12-C16 linear alkyl)-dimethyl-ammonium chloride	GBR	NOR	20/06/12	17/12/15	Y	S/P	3	2G	Cont	Inert	T2	IIB	No	C	F	AB	No	15.12.3, 15.12.4, 15.19.6	Nalco Ltd

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 3 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
EC1645A	Naphthalene and Alkyl (C5-C8) benzenes	GBR	NOR	17/06/14	17/12/17	Y	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.19.6	Nalco Champion Ltd
EC6475A	Sodium hydroxide and Diethylenetriamine pentaacetic acid, pentapotassium salt (40% solution)	GBR	BEL, FIN, FRA, DEU, JPN, MHL, NLD, NGA, NOR, PHL, ZAF, ESP, SWE, USA	03/10/14	17/12/17	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Nalco Champion Ltd.
EC6660A	Drilling brines, including:calcium bromide solution, calcium chloride solution and sodium chloride solution	GBR	BEL, FIN, FRA, DEU, JPN, MHL, NLD, NGA, NOR, PHL, ZAF, ESP, SWE, USA	03/10/14	17/12/17	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Nalco Champion Ltd.
EC6671A	Methyl Alcohol and Poly N-alkylmethacrylamide ammonium acrylate copolymer (20% solution in DEGME)	GBR	BEL, DNK, FIN, FRA, DEU, ITA, JPN, MHL, NLD, NGA, NOR, PHL, ZAF, ESP, SWE, GBR	29/09/11	17/12/15	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	ABC	No	15.12, 15.19.6	Nalco Champion Ltd.
EC9356A	Hexahydro-1,3,5-Trimethyl-S-Triazine	GBR	NOR	20/08/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	A	Yes	15.12, 15.17, 15.19	Nalco Champion
EEHC1	Triethylene glycol	GBR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Nalco Champion Ltd
Emulsotron X-8636	Octanol	NOR	NLD, GBR	27/03/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4	Champion Technology
EPT-2492	Acetic acid	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	No	ABC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19	MI-SWACO
Ethylol 75	Ethyl Alcohol and Isopropyl ether	ZAF	All countries		None	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	F	AC	No	15.19.6	Sasol
Fraction C6	Benzene	ITA	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA
Fraction C7	Toluene	ITA	All countries		None	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA
Fraction TX	Toluene	ITA	All countries		None	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Fuerza Combustible	Octane	USA	ARG, AUS, BEL, BRA, CAN, CHL, CHN, COL, CYP, DNK, ECU, EGY, EST, FIN, DEU, GRC, HKG, ISL, IND, IDN, IRL, ITA, JPN, LBR, MYS, MLT, MHL, MEX, NLD, NZL, NOR, PAN, PER, PHL, POL, KOR, SGP, ZAF, ESP, CHE, TUR, ARE, GBR, TZA, URY, VUT	05/06/14	17/12/17	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19	Fuerza LLC
Gyptron SA1360	Hydrochloric acid	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Champion Technologies
Gyptron SA1650	Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Champion Technologies
Gyptron SA1660	Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No			Yes	O	No	AC	No		Champion Technologies
Gyptron SA2010	Ethylene glycol monoalkyl ethers	NOR	GBR	09/10/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Champion Technologies
Gyptron SA3050	Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Champion Technologies
Gyptron SA3070	Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	--	Champion Technologies
Gyptron SA3110	Ethylene glycol monoalkyl ethers	NOR	GBR	09/10/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	none	Champion Technologies
Gyptron SA3120	Ethylene glycol and 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9	Champion Technologies

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 5 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Gyptron SA3130	Ethylene glycol and 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Champion Technologies
Gyptron SA3190	Ethylene glycol monoalkyl ethers	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Champion Technologies
Gyptron SA4074	Ethanolamine	NOR	NLD, GBR	03/01/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Champion Technologies
Gyptron SA4139	Ethylene glycol monoalkyl ethers	NOR	NLD, GBR	13/11/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12.3, 15.12.4, 15.19	Champion Technologies
Gyptron SD250	Potassium carbonate	NOR	GBR, NLD	12/11/12	17/12/15	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Champion Technologies
Gyptron SD250 in KCl solution	Potassium carbonate	NOR	GBR, NLD	21/11/12	17/12/15	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	A	No		Champion Technologies
H.B.M. (Volatile oil)	1,3-Pentadiene	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.13, 15.19.6, 16.6.1, 16.6.2, 16.6.3	Nihon Zeon Co. Ltd
HCL (1-25%) with Inhibitor	Hydrochloric acid	NOR	GBR, NLD	19/08/13	17/12/16	X	S/P	3	2G	Cont	No	-	-	NF	C	T	No	Yes	15.11, 15.12.3, 15.12.4, 15.17, 15.19, 16.2.6, 16.2.9	Halliburton AS
HiTec 9300G	Zinc alkyl dithiophosphate (C3-C14)	USA	EST, FRA, JPN, PAN, SGP	11/03/14	17/12/17	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Afton Chemical Corporation
HiTEC 9345S	Zinc alkyl dithiophosphate (C3-C14), Calcium Alkaryl Sulfonate (C11-C50), and Mineral Oil	USA	BEL, BGR, CYP, FRA, GBR, LBR, MHL, MLT, NLD, NOR, PAN, SGP, TUR	22/04/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Afton Chemical Corporation
Hybor H	Potassium Chloride Solution, Sodium Bromide Solution or Sodium Chloride Solution (drilling brines)	NOR	GBR, NLD	19/08/13	17/12/16	Y	S/P	3	2G	Open	No	-	-	NF	R	No	No	No	15.19.6, 26.2.9	Halliburton AS
Hybor H only Containing Sodium Bromide	Sodium Bromide	NOR	GBR, NLD	31/10/13	17/12/16	Y	S/P	3	2G	Cont	No	-	-	NF	C	No	No	No	15.19.6, 16.2.9	Halliburton
IP CLEAN LX	Dodecane (all isomers)	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6	Idemitsu Kosan

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 6 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
IP Extraction Feed	1,3-Cyclopentadiene, dimer and Isoprene	NLD	All countries		None	Y	S/P	2	2G	Cont	Inert	T3	IIB	No	C	FT	ABC	Yes	15.12, 15.13, 15.14, 15.17, 15.19, 16.6.1, 16.6.2 and 16.6.3	Shell
IP SOLVENT 1620	Dodecane (all isomers)	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6	Idemitsu Kosan
Isopar N	Iso- and cyclo-alkanes (C12+)	GBR	BEL, ITA	28/10/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	Yes	R	No	A	No	15.19.6	ExxonMobil
KCl/NaBr	Sodium Bromide	NOR	DNK, GBR	27/06/14	17/12/17	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.19.6, 16.2.6, 16.2.9	Halliburton Scandinavia
Kogasol 56	Hexane (all isomers) and Heptane (all isomers)	ZAF	All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19	SASOL
LGC-IM	Sodium Hydroxide	NOR	NLD, GBR	24/04/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	Yes	C	No	AC	Yes	15.17, 15.19, 16.2.6	Halliburton Scandinavia
Linealene 124	Dodecene (all isomers)	JPN	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6	IDEMITSU KOSAN CO. LTD
LUBAD 1179	Calcium long-chain alkyl phenate sulphide (C8-C40), Alkyl (C18-C28) toluene sulphonic acid, calcium salts, low overbase and mineral oil	FRA	DZA, AUS, BHS, BEL, CYM, CHN, EGY, DEU, GRC, HKG, IND, IDN, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, SGP, ZAF, TUR, ARE, GBR, USA	13/10/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
LUBAD 1197	Calcium long-chain alkyl phenate sulphide (C8-C40), Alkyl (C18-C28) toluene sulphonic acid, calcium salts, low overbase and mineral oil	FRA	DZA, AUS, BHS, BEL, CYM, CHN, EGY, DEU, GRC, HKG, IND, IDN, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, SGP, ZAF, TUR, ARE, GBR, USA	13/10/14	17/12/17	Y	S/P		2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 7 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
LUBAD 1761	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, low overbase, Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
LUBAD 1798	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
LUBAD 1807	Alkyl(C18-C28)toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	BEL, BHS, CYM, DEU, DZA, GBR, HKG, JPN, LBR, MLT, NLD, NOR, PHL, SGP, TUR, USA	18/01/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
LUBAD 1829	Alkyl(C18-C28)toluenesulfonic acid, calcium salts, low overbase, Oleylamine, and mineral oil	FRA	BHS, CYM, HKG, JPN, LBR, NLD, NOR, PAN, PHL, SGP, TUR, GBR, USA	23/04/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
Lubrizol 4991JM	Calcium alkaryl sulphonate (C11-C50) and Mineral Oil	USA	ARG, AUT, BEL, BRA, CAN, CYM, CHN, CYP, DNK, ECU, EGY, EST, FIN, DEU, GRC, HKG, IND, IRL, ITA, LBR, MYS, MLT, MHL, MEX, NLD, NOR, PAN, PER, PHL, POL, KOR, SGP, ZAF, ESP, CHE, TUR, ARE, GBR, TZA, URY, VUT	19/05/14	17/12/17	Y	S/P	2	2G	Cont	No			Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol



TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 8 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol 16005	Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IND, IRL, ITA, JPN, KOR, LBR, MHL, MLT, MYS, NLD, NOR, PAN, PER, PHL, POL, SAU, SGP, SWE, VUT, ZAF	02/03/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol 20017	Alkenyl (C11+) amide, Calcium alkaryl sulphonate (C11-C50), and Mineral Oil	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	24/06/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 9 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol AP13275	Calcium alkaryl sulphonate (C11-C50) and Mineral Oil	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHL, CHN, COL, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IDN, IND, IRL, ISL, ITA, JPN, KOR, LBR, MEX, MHL, MLT, MYS, NLD, NOR, NZL, PAN, PER, PHL, POL, PRT, QAT, SGP, SWE, TUN, TUR, TZA, URY, VCT, VUT, ZAF	12/02/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol CV2301	Mineral Oil and Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IND, IRL, ITA, JPN, KOR, LBR, MHL, MLT, MYS, NLD, NOR, PAN, PER, PHL, POL, SGP, SWE, URY, VUT, ZAF	02/08/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 10 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol CV6503	Mineral Oil and Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IND, IRL, ITA, JPN, KOR, LBR, MHL, MLT, MYS, NLD, NOR, PAN, PER, PHL, POL, SAU, SGP, SWE, URY, VUT, ZAF	02/08/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol CV7050	Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IND, IRL, ITA, JPN, KOR, LBR, MHL, MLT, MYS, NLD, NOR, PAN, PER, PHL, POL, SAU, SGP, SWE, VUT, ZAF	02/03/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol CV7052	Alkenyl (C11+) amide, Calcium alkaryl sulphonate (C11-C50) and Mineral Oil	USA	ARE, ARG, AUS, BEL, BHS, BRA, CAN, CHE, CHL, CHN, COL, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, IDN, IND, IRL, ISL, ITA, JPN, KOR, LBR, MEX, MHL, MLT, MYS, NLD, NOR, NZL, PAN, PER, PHL, POL, PRT, QAT, SGP, SWE, TUN, TUR, TZA, URY, VCT, VUT	12/02/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 12 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol MD9C01X	Calcium alkaryl sulphonate (C11-C50), and Calcium long chain alkyl phenate sulphide (C8-C40)	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	26/07/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol PV1023	Calcium alkaryl sulphonate (C11-C50), Alkenyl (C11+) amide and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol PV1127K	Calcium alkaryl sulphonate (C11-C50), Alkenyl (C11+) amide and Mineral oil	USA	ARG, AUS, BHS, BEL, BRA, CAN, CYM, CHL, CHN, COL, CYP, DNK, ECU, EGY, EST, FIN, FRA, DEU, GRC, HKG, ISL, IND, IDN, IRL, ITA, JPN, LBR, MYS, MLT, MHL, MEX, NLD, NZL, NOR, PAN, PER, PHL, POL, PRT, QAT, KOR, VCT, SGP, ZAF, ESP, SWE, CHE, TUN, TUR, ARE, GBR, TZA, URY, VUT	10/02/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 14 of 24  
Company

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol PV3400X	Mineral Oil, Calcium long chain alkaryl sulphonate (C11-C50) and Polyolefin amide alkeneamine (C17+)	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	22/02/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 15 of 24  
Company

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol PV6500X	Mineral Oil, Calcium long chain alkaryl sulphonate (C11-C50) and Polyolefin amide alkeneamine (C17+)	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	22/02/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol



TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 16 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol PV6501X	Mineral Oil, Calcium long chain alkaryl sulphonate (C11-C50) and Polyolefin amide alkeneamine (C17+)	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	22/02/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol PV7053	Calcium alkaryl sulphonate (C11-C50), Alkenyl (C11+) amide and mineral oil	USA	ARG, BRA, CAN, CYM, CHN, CYP, DNK, ECU, EGY, EST, FIN, DEU, GRC, HKG, IND, IRL, ITA, JPN, LBR, MYS, MLT, MHL, MEX, NLD, NOR, PAN, PER, PHL, SGP, ZAF, ESP, CHE, TUR, ARE, URY, VUT	08/12/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19, 16.2.6	Lubrizol Corporation

TRIPARTITE AGREEMENTS

List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards

MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 17 of 24

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Lubrizol SLF6006	Calcium long chain alkyl phenate sulphide (C8-C40), and Calcium alkaryl sulphonate (C11-C50)	USA	ARE, ARG, AUS, AZE, BEL, BGR, BHS, BRA, CAN, CHE, CHN, CYM, CYP, DEU, DNK, ECU, EGY, ESP, EST, FIN, FRA, GBR, GRC, HKG, HND, IND, IRL, ITA, JOR, JPN, KOR, LBR, MAR, MEX, MHL, MLT, MNE, MYS, NLD, NOR, OMN, PAN, PER, PHL, POL, SGP, SLE, SWE, URY, VUT, ZAF	03/06/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Lubrizol
MP Cresol 45	Cresols (all isomers)	ZAF	All countries		None	Y	S/P	1	1G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.18, 15.19	Sasol
MP Cresol 70	Cresols (all isomers)	ZAF	All countries		None	Y	S/P	1	1G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.18, 15.19	Sasol
MPG Basic	Poly(2-8) alkylene glycol monoalkyl (C1-C6) ether and sodium methylate	USA	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19.6	Dow Chemical Company
NH 758A	1,2-Propylene glycol	NOR	NLD, GBR	16/12/14	17/12/17	Z	S/P	3	2G	Cont	No	T3	IIB	No	C	F	AC	No		Clariant Scandinavia
Octimise G10	Alkyl (C3-C4) benzenes and Naphthalene	BEL	LBR, NLD, NOR, ZAF	17/10/12	17/12/15	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Innospec
OLOA 760A	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase, calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 18 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
OLOA 760SA	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase, calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 865G	Calcium long chain alkyl phenate sulphide (C8-C40)	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 4594R	Alkyl(C18-C28) toluenesulphonic acid, calcium salts, low overbase, zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 4594RS	Calcium alkaryl sulphonate (C11-C50), zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 8888	Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron
OLOA 9790F	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 9999	Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase, zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 48014	Calcium long-chain alkyl (C18-C28) salicylate/Zinc alkyl dithiophosphate (C3-C14) in mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Chevron Oronite
OLOA 48018	Calcium long-chain alkyl (C18-C28) salicylate and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 49819	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, high overbase, Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 19 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
OLOA 49822	Calcium long chain alkyl phenate sulphide (C8-C40)	SGP	ARE, AUS, BEL, BHS, CHN, DEU, FRA, GBR, GRC, HKG, IDN, IND, ITA, JPN, KOR, LBR, MYS, NLD, NOR, NZL, PAN, PHL, SGP, TUR, USA, ZAF	05/02/13	17/12/16	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron
OLOA 49825	Alkyl(C18-C28) toluenesulphonic acid, calcium salts, low overbase, Oleylamine, and mineral oil	FRA	BHS, CYM, HKG, JPN, LBR, NLD, NOR, PAN, PHL, SGP, TUR, GBR, USA	23/04/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
OLOA 49888	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase, Calcium long-chain alkyl phenate sulphide (C8-C40) and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 50908	Calcium long-chain alkyl salicylate (C13+)	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 54000	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 55501	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 58000	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 20 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
OLOA 59077	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 59122	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 59168	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
OLOA 59211	Alkyl (C18-C28) toluene sulfonic acid, calcium salts, borated; Polyolefin amide alkeneamine polyol and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite
OLOA 59716	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 59726	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 59762	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 59766	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 65747	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	FRA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 21 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
OLOA 68006	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, high overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 99470E	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, low overbase, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 99480	Alkyl (C18-C28) toluenesulfonic acid, calcium salts, borated, Zinc alkyl dithiophosphate (C3-C14) and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
Organic Simulation Acid (formerly OAM with FDP-S692-03)	Formic acid	NOR	NLD, GBR	05/08/13	17/12/16	Y	S/P	3	2G	Cont	No			Yes	R	No (g)	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19.6, 16.2.9	Halliburton AS
Paraset 29H	Alkyl(C5-C8) benzenes and Poly(2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Paraset 32S	Alkyl(C9+) benzenes and Poly(2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Pentylol	n-Amyl alcohol and sec-Amyl alcohol	ZAF	All countries		None	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6	Sasol
Phasetreat 7623	Ethylene glycol monoalkyl ethers	NOR	GBR	21/10/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	16.2.9	Clariant Scandinavia AS
PI-7064	Extracts (petroleum), middle distillate solvent	NOR	GBR, NLD	18/02/13	17/12/16	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	MI-SWACO
Pilot 140	Alkyl(C9+) benzenes and Poly(2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Pilot 150H	Alkyl(C9+) benzenes and Poly(2+)cyclic aromatics	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Petrochem Carless
Propanol 98	n-Propyl Alcohol	USA	CAN, CYM, CYP, GBR, GRC, HKG, LBR, MHL, MLT, NLD, NOR, PAN, SGP	06/11/12	17/12/15	Y	S/P	3	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6	Dow Chemical
Pureclean Power	Alcohol (C9-C11) poly (2.5-9) ethoxylate	NOR	GBR	21/10/14	17/12/17	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.19.6	Kjemi A/S

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 22 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
R-50359	Naphthalene and Alkyl (C5-C8) benzenes	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	Nalco Champion Ltd
RAW C5	1-3-Cyclopentadiene and Isoprene	GBR	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.12, 15.14, 15.17, 15.19.6, 16.6.2, 16.6.3	Sabic UK Petrochemicals
RBHC (Exxon Mobil)	Heptane and benzene	FRA	All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	ExxonMobil
RedchenA	Ethylene Dichloride	GBR	BEL, CHE, CHN, CYP, DEU, DNK, FRA, GRC, HKG, IND, ITA, KOR, LBR, LUX, MHL, MLT, NLD, NOR, PAN, PHL, SGP, USA, VUT	28/11/13	17/12/16	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AB	Yes	15.12, 15.17, 15.19	Ineos ChlorVinyls Ltd
SAFETHERM EG	Sodium Bromide	GBR	DNK, NOR	14/12/12	17/12/15	Y	S/P	3	2G	Open	No	-	-	Yes	R	No	A	No	15.19.6	MI-Swaco
SASC2013	Sodium Hydroxide Solution	USA	HKG, LBR, MHL, NOR, PAN, QAT, SGP, GBR	22/11/13	17/12/16	Y	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.19.6, 16.2.6, 16.2.9	Merichem Company
SCALETREAT 8060	Potassium Hydroxide solution	GBR	DNK, NLD, NOR	01/10/13	17/12/16	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	A	No	15.19.6	Clariant Oil Services UK Ltd
SCALETREAT 8199C	Ethanolamine	NOR	GBR, NLD	22/03/13	17/12/16	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT SD 12154	Potassium hydroxide solution	NOR	GBR, NLD	05/08/13	17/12/16	Y	S/P	3	2G	Cont	No	-	-	Yes	C	No	AC	Yes	15.12.3, 15.17, 15.19, 16.2.9	Clariant Oil Services Scandinavia AS
Scaletreat SD 12392	Acetic acid	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19.6, 16.2.9	Clariant Oil Services Scandinavia AS
SCALETREAT TP 8385	Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Clariant Oil Services Scandinavia AS
Scaletreat TP 8385 in up to (20%) NaCl/KCl	Ethylene glycol	NOR	NLD, GBR	27/07/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Clariant Oil Services Scandinavia AS

**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 23 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Scaletreat TP 8441	Hydrochloric acid	NOR	NLD, GBR	03/07/13	17/12/16	Z	S/P	3	2G	Open	No	-	-	Yes	C	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
Scaletreat TP 8441 in up to [20%] NaCl/KCl	Hydrochloric acid	NOR	NLD, GBR	20/02/14	17/12/17	Z	S/P	3	2G	Open	No	-	-	Yes	C	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT XL36	Calcium chloride solution and Maleic acid/allyl sulfonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No		Clariant Oil Services Scandinavia AS
Secure SC2020	3-(Triethoxysilyl)propylamine	NOR	GBR, NLD	21/11/12	17/12/15	Z	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19	Champion Technologies
SFPEC1609A	Methyl alcohol	GBR	NLD, QAT, VCT	30/05/14	17/12/17	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	ABC	Yes	15.19.6	Nalco Champion Ltd
SFPEC1610A	Ethylene glycol monoalkyl ethers	GBR	NLD, QAT, VCT	30/05/14	17/12/17	Y	S/P	3	2G	Cont	No	T1	IIB	No	R	F	ABC	No	15.19.6	Nalco Champion Ltd
SI-4113	Propylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		MI-SWACO
SI-4130	Tetra phosphonate - aqueous solution (30-60%)	NOR	GBR, NLD	30/01/13	17/12/16	Z	P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.11	MI-SWACO
SI-4489	Sodium Chloride	NOR	GBR, NLD	19/08/13	17/12/16	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Schlumberger Oilfield Services
Solidless Kill Pill	Sodium chloride	NOR	GBR, NLD	25/11/13	17/12/16	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.19.6, 16.2.6, 16.2.9	Halliburton AS
Solidless Kill Pill containing Sodium bromide	sodium bromide	NOR	GBR	11/08/14	17/12/17	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9	Halliburton AS
Solvesso 150	Naphthalene	BEL	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ExxonMobil
Solvesso 150 ND	Alkyl (C3-C11) benzenes	BEL	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ExxonMobil
Solvesso 200	Naphthalene	BEL	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ExxonMobil
Solvesso 200 ND	Alkyl naphthalenes	BEL	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ExxonMobil
SOLVTREAT 3030	Alkanes (C10-C26), linear and branched (flashpoint >60°C) and Ethylene glycol monoalkyl ethers	NOR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS



**TRIPARTITE AGREEMENTS**

**List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards**

**MEPC.2/Circ.20  
Annex 3  
17 December 2014  
Page 24 of 24**

Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
SOLVTREAT 3062	Ethylene glycol monoalkyl ethers	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
SOLVTREAT 12093	Ethylene glycol	NOR	GBR, NLD	29/06/12	17/12/15	Y	S/P	3	2G	Cont	No	-	-	Yes	C	No	AC	No	15.12.3, 15.19.6	Clariant Oil Services Scandinavia AS
SULFA-CHECK@EC9386A	Hexahydro-1,3,5-Trimethyl-S-Triazine	GBR	NOR	05/08/13	17/12/16	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	A	Yes	15.12, 15.17, 15.19	Nalco
SURFOM CS 5015	Ethoxylated tallow amine	BRA	All countries		None	X	S/P	2	2G	Cont	Inert	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Oxiteno Nordeste S/A Industria e Comercio
Tergitol S	Alcohol (C12-C16) poly(7-19) ethoxylates	USA	CYM, CYP, FRA, GBR, GRC, HKG, LBR, MHL, MLT, NLD, NOR, PAN, SGP	14/01/14	17/12/17	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9	Dow Chemical Company
Ucarsol	Piperazine, 68% solution	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Dow Chemical
VALUE CA	Cresols (all isomers)	ZAF	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	A	Yes	15.12, 15.17, 15.19	SASOL
Vertiscreen 052R	Ethyl alcohol	NOR	All countries		None	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	FT	AC	No	--	Vertical
VX 8925	Napthalene and Alkyl (C5-C8) benzenes	GBR	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Nalco Champion Ltd
Waksol 911 A	n-Alkanes (C9-C11) and Paraffin Wax	ZAF	BGD, CHN, IND, PAN, THA	04/08/14	17/12/17	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9	Sasol
Waksol 911 B	n-alkanes (C9-C11) and Paraffin Wax	ZAF	BGD, CHN, IND, PAN, THA	14/07/14	17/12/17	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9	Sasol

TRIPARTITE AGREEMENTS

List 4: Pollutant only mixtures containing one or more components, forming more than 1% by weight of the mixture, which have not yet been assessed by IMO

Tradename	n.o.s.	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	ST	Remark	Company
Carbonate Scale LCAcid		Acetic acid	NOR	GBR	30/06/14	17/12/17	X	3		Halliburton Scandinavia
Corrosion Inhibited Water		Formic acid	NOR	GBR	28/07/14	17/12/17	X	3		Halliburton Scandinavia
FLOPAAM EM 533 DC 01	7	Iso- and cyclo-alkanes (C12+)	GBR	DNK, NLD, NOR	25/12/14	17/12/17	Y	3	High Viscosity	SNF SAS
Gyptron SA4101	7	2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride,homopolymer (aqueous solution)	NOR	GBR, NLD	03/10/13	17/12/16	Y	3		Champion Technologies
Hil-124B Liquid	9	Potassium iodide	NOR	GBR	28/07/14	17/12/17	Z	3		Halliburton Scandinavia
MCP Solvent	6	Methyl cyclopentane and hexane	KOR	CHN, PAN	27/08/12	17/12/15	Y	2		Bu Ahn (Republic of Korea)
SCALETREAT 855	12	Diethylenetriamine penta (methylene phosphoric acid), sodium salt (DETA Phosphonate)	GBR	DNK, NLD, NOR	01/10/13	17/12/16	OS	NA	High Viscosity	Clariant Oil Services UK Ltd
ScanPro, marine protein concentrate	7	Fish protein concentrate	NOR	BHS, CYP, DEU, DNK, FIN, GBR, GRC, MLT, NLD, NOR, POL, TUR	29/04/13	17/12/16	Y	3		Scanbio

**LIST 5: SUBSTANCES NOT SHIPPED IN PURE FORM BUT AS COMPONENTS IN MIXTURES**

Product Name	Relevant columns of the GESAMP Hazard Profile						Ship Type
	A1	A2	B1	B2*	D3	E2	
Acrylic acid / dimethyldiallylammonium chloride copolymer, partial sodium salt (MWt 1500-4000, aqueous solution)	0	R	0	0		D	NA
L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	0	NR	0	NI		D	NA
3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, (C7-C9)-branched alkyl esters	3	NR	3	0		Fp	2
Dipropylene glycol dibenzoate	3	R	3	NI		S	2
Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	0	NR	0	NI		D	NA
Polyether, borated	0	NR	3	1		D	2
Sodium methylate	(0)	(R)	(2)	NI	T	DE	2
Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecylbenzenesulphonic acid complexes in naphtha/isopropanol	0	NR	1	NI	CM	Fp	2

\* BLG 6 had agreed that, in the absence of measured chronic toxicity data, surrogate data using the GHS system to estimate missing chronic aquatic toxicity data could be used and that the estimation of chronic toxicity would be determined as shown below:

1. if, in the GESAMP Hazard Profile, Col B2 is 'NI' or Col A1 is 'NI' or Col A2 is 'NI', then there are not enough data to apply the OECD criteria, and therefore the product is deemed to be chronically toxic to aquatic organisms; but
2. if the aquatic LC50 is <100mg/l (Col B1 is 2, 3, 4, 5 or 6); and the product is Not Readily Biodegradable (Col A2 is 'NR') or the product is bio-accumulated (Col A1 is 4, 5 or 6), then the product is deemed to have a chronic toxicity of <1mg/l which is equivalent to a '1' in column B2; otherwise
3. the product is deemed not to be chronically toxic.

\*\*\*

## SYNONYMS FOR VEGETABLE OILS

MEPC.2/Circ.20  
Annex 6  
17 December 2014  
Page 1 of 5

### CASTOR OIL

BP Castor Oil  
BSS Castor Oil  
Castor Oil First Special Grade  
Commercial Castor Oil  
First Pressure Castor Oil  
Fractionated Castor Oil  
Hydrogenated Castor Oil  
Interesterified Castor Oil  
No 1 Castor Oil  
Pharmaceutical Grade Castor Oil  
Ricinus Oil

### COCOA BUTTER

Cocoa Butter Degummed  
Cocoa Butter Pressed Degummed Deodorized  
Crude Cocoa Butter  
Deodorized Cocoa Butter  
Deodorized Degummed Cocoa Butter  
PPP (Pure Prime Pressed) Cocoa Butter

### COCONUT OIL

Cochin Coconut Oil  
Coconut Palm Oil  
Copra Oil  
Crude Coconut Oil  
Degummed Coconut Oil  
Fractionated Coconut Oil  
Free Coconut Oil  
Hydrogenated Coconut Oil  
Interesterified Coconut Oil  
RBD Coconut Oil

### CORN OIL

Crude Corn Oil  
Crude Degummed Corn Oil  
Fractionated Corn Oil  
Hydrogenated Corn Oil  
Interesterified Corn Oil  
Maize Oil  
RBD Maize Oil  
RBD Corn Oil  
RBDW Corn Oil  
RBDW Maize Oil  
Refined and Bleached Corn Oil  
Refined, Bleached and Winterized Corn Oil

### COTTON SEED OIL

Cotton Oil  
Fractionated Cottonseed Oil  
Hydrogenated Cottonseed Oil  
Interesterified Cottonseed Oil  
PBSY Cottonseed Oil  
Semi-refined Cottonseed Oil

### FISH OIL

Anchovy Oil  
Capelin Oil  
Cod Oil  
Crude Fish Oil  
Fractionated Fish Oil  
Herring Oil  
Hydrogenated Fish Oil  
Interesterified Fish Oil  
Menhaden Oil  
Menhaden Stearin  
Salmon Oil  
Sardine Oil

### GROUNDNUT OIL

Arachis Oil  
Crude Groundnut Oil  
Fractionated Groundnut Oil  
Hydrogenated Groundnut Oil  
Interesterified Groundnut Oil  
Peanut Oil  
Refined Groundnut Oil

## SYNONYMS FOR VEGETABLE OILS

### ILLIPE OIL

Borneo Tallow  
Fractionated Illipe Oil  
Green Butter  
Hydrogenated Illipe Oil  
Illipe Butter  
Interesterified Illipe Oil  
Tengkawang Butter

### JATROPHA OIL

Physic nut extract  
Ratanjyot oil

### LARD

Choice Kettle Lard  
Crude Lard  
Edible Lard  
Fractionated Lard  
Hydrogenated Lard  
Inedible Lard  
Interesterified Lard  
Leaf Lard  
Steam Lard

### LINSEED OIL

Crude Linseed Oil  
Flaxseed Oil  
Fractionated Linseed Oil  
Hydrogenated Linseed Oil  
Interesterified Linseed Oil  
Raw Linseed Oil

### MANGO KERNEL OIL

Fractionated Mango Kernel Oil  
Hydrogenated Mango Kernel Oil  
Interesterified Mango Kernel Oil  
Mangifera Indica Oil  
Mango Butter  
Mango Seed Oil

### NON-EDIBLE INDUSTRIAL GRADE PALM OIL

High FFA Crude Palm Oil  
High FFA Technical Palm Oil  
Low Grade Palm Oil

### OLIVE OIL

Crude Olive Oil  
Extra Virgin Olive Oil  
Lampante Virgin Olive Oil  
Olive-Pomace Oil  
Ordinary Virgin Olive Oil  
Refined Olive Oil  
Virgin Olive Oil

### PALM ACID OIL

Acid Oil from Palm Oil  
Acid Oil from Palm Oil Refining  
Acidulated Palm Oil Soapstock  
Hydrogenated Palm Acid Oil

### PALM FATTY ACID DISTILLATE

Distilled Palm Fatty Acid Distillate  
Fatty Acid Distillate from Palm Oil Refining  
Hydrogenated Palm Fatty Acid Distillate (HPFAD)  
Palm Deodorizer Distillate  
Palm Oil Fatty Acid Distillate

### PALM KERNEL ACID OIL

Acidulated Palm Kernel Oil Soapstock  
Hydrogenated Palm Kernel Acid Oil

### PALM KERNEL OIL

Bleached Palm Kernel Oil  
Crude Palm Kernel Oil (CPKO)  
Fractionated Palm Kernel Oil  
Hydrogenated Palm Kernel Oil  
Interesterified Palm Kernel Oil  
NBD Palm Kernel Oil  
Neutralized Palm Kernel Oil  
Palm Kernel Oil Fraction  
RBD Palm Kernel Oil  
Refined Palm Kernel Oil  
Sustainable Palm Kernel Oil

## SYNONYMS FOR VEGETABLE OILS

### **PALM KERNEL OLEIN**

Bleached Palm Kernel Olein  
Crude Palm Kernel Olein  
Fractionated Palm Kernel Olein  
Hydrogenated Palm Kernel Olein  
Interesterified Palm Kernel Olein  
Liquid Fraction of Palm Kernel Olein  
NBD Palm Kernel Olein  
Neutralized Palm Kernel Olein  
RBD Palm Kernel Olein  
Sustainable Palm Kernel Olein

### **PALM KERNEL STEARIN**

Bleached Palm Kernel Stearin  
Crude Palm Kernel Stearin  
Fractionated Palm Kernel Stearin  
Hydrogenated Palm Kernel Stearin  
Interesterified Palm Kernel Stearin  
NBD Palm Kernel Stearin  
Neutralized Palm Kernel Stearin  
RBD Palm Kernel Stearin  
Sustainable Palm Kernel Stearin

### **PALM MID-FRACTION**

Crude Palm Mid Fraction  
NBD Palm Mid Fraction  
Neutralized and Bleached Palm Mid Fraction  
Neutralized Palm Mid Fraction  
RBD Palm Mid Fraction  
Red Palm Mid Fraction  
Sustainable Palm Mid Fraction

### **PALM OIL**

Bleached Palm Oil  
Crude Palm Oil (CPO)  
Fractionated Palm Oil  
Hydrogenated Palm Oil  
Interesterified Palm Oil  
NBD Palm Oil  
Neutralized Palm Oil  
Palm Mesocarp Oil  
Palm Fruit Oil  
RBD Palm Oil  
Red Palm Oil  
Sustainable Palm Oil  
Technical Palm Oil

### **PALM OLEIN**

Bleached Palm Olein  
Crude Palm Olein  
Double Fractionated Palm Olein  
Fractionated Palm Olein  
Hydrogenated Palm Olein  
Interesterified Palm Olein  
NBD Palm Olein  
Neutralized Palm Olein  
Palm Superolein  
RBD Palm Olein  
Red Palm Olein  
Refined Palm Olein  
Sustainable Palm Olein

### **PALM STEARIN**

Bleached Palm Stearin  
Crude Palm Stearin  
Fractionated Palm Stearin  
Hydrogenated Palm Stearin  
Interesterified Palm Stearin  
NBD Palm Stearin  
Neutralized Bleached Palm Stearin  
Neutralized Palm Stearin  
RBD Palm Stearin  
Red Palm Stearin  
Refined Bleached Palm Stearin  
Refined Palm Stearin  
Soft Stearin  
Sustainable Palm Stearin

## SYNONYMS FOR VEGETABLE OILS

### RAPESEED OIL

Crude Degummed Rapeseed Oil  
Crude Rapeseed Oil  
Fractionated HE Rapeseed Oil  
Genetically Modified Rapeseed Oil  
HEAR Oil  
HE Rapeseed Oil  
High Erucic Acid Rapeseed Oil  
Hydrogenated HE Rapeseed Oil  
Hydrogenated Rapeseed Oil  
Interesterified HE Rapeseed Oil  
Interesterified Rapeseed Oil  
LEAR Oil  
Low Erucic Acid Rapeseed Oil  
RBD Canola Oil  
RBD Rapeseed Oil  
Refined Canola Oil  
Refined Rapeseed Oil  
Tehnickal Rapeseed Oil

### RICE BRAN OIL

Fractionated Rice Bran Oil  
Hydrogenated Rice Bran Oil  
Interesterified Rice Bran Oil

### SAFFLOWER OIL

Fractionated Safflower Oil  
Hydrogenated Safflower Oil  
Interesterified Safflower Oil  
Safflowerseed Oil  
Thistleseed Oil

### SHEA BUTTER

Karité Butter  
Kariténut Butter  
Shea Butter Oil  
Shea Butter Olein  
Shea Butter Stearin  
Sheanut Butter

### SOYABEAN OIL

Aceite Crude Desgomado de Soja (S)  
Aceite Crudo de Soja (S)  
Aceite de Soja (S)  
Crude Degummed Soyabean Oil  
Crude Degummed Soyabean Oil of Edible Grade  
Crude Degummed Soybean Oil  
Crude Soyabean Oil  
Crude Soybean Oil  
Crude Supergummed Soyabean Oil  
Expelled Soyabean Oil  
Fractionated Soyabean Oil  
Genetically Modified Soyabean Oil  
Huile Brute de Soja (F)  
Huile Brute de Soja Desgommee (F)  
Huile de Soja (F)  
Hydrogenated Soyabean Oil  
Interesterified Soyabean Oil  
RBD Soyabean Oil  
RBD Soy Oil  
Refined Soy Oil  
Soybean Oil  
Soy Oil

### SUNFLOWER SEED OIL

Crude Sunflower Oil  
Crude Sunflowerseed Oil  
Crude Sunflowerseed Oil of Edible Grade  
Fractionated Sunflowerseed Oil  
Genetically Modified Sunflowerseed Oil  
High Oleic Sun Oil  
Hydrogenated Sunflowerseed Oil  
Interesterified Sunflowerseed Oil  
Refined Sunflowerseed Oil  
Sun Oil  
Sunflower Oil

## SYNONYMS FOR VEGETABLE OILS

MEPC.2/Circ.20  
Annex 6  
17 December 2014  
Page 5 of 5

### TALLOW

"A" Tallow  
All Beef Packer Tallow  
All White Tallow  
Barso Tallow  
Beef Tallow  
Bleachable Fancy Tallow  
Bulk Tallow  
Choice White Grease  
Choice White Tallow  
Crude Tallow Oil  
Edible Tallow  
Extra Fancy Tallow  
Fancy Tallow  
Feed Grade Tallow  
Fractionated Tallow  
Gannet Tallow  
Good Soap Tallow  
Government Certified Edible Beef Tallow  
High Energy Feed Fat  
Hydrogenated Tallow  
Inedible Tallow  
Inedible Beef Tallow  
Inedible Unbleached Technical Tallow  
Interesterified Tallow  
Laundry Grade Tallow  
Low Grade Tallow  
Low Titre Tallow  
Mutton Tallow  
Poultry Oil  
Prime Tallow  
Pure Beef Tallow  
Special Tallow  
Tallow Oil  
Technical Edible Tallow  
Technical Tallow  
Toilet Grade Tallow  
Top White Tallow  
Yellow Grease

### Abbreviations:

BSP - British Pharmacopeia  
BSS - British Standard Specification  
RBD - Refined Bleached Deodorised  
NBD - Neutralised Bleached Deodorised  
RBDW - Refined Bleached Deodorised  
Winterised  
PBSY - Prime Bleached Summer Yellow  
HE - High Erucic  
HEAR - High Erucic Acid Rapeseed  
LEAR - Low Erucic Acid Rapeseed

Note: Product names are in bold. All other names are synonyms.

### TUNG OIL

China Wood Oil  
Raw Tung Oil  
Raw Wood Oil  
Wood Oil



**LIST OF COUNTRY ABBREVIATIONS**  
**Part 1 - Code Order**

**MEPC.2/Circ.20**  
**Annex 7**  
**17 December 2014**  
**Page 1 of 3**

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
AFG	Afghanistan	COG	Congo
AGO	Angola	COK	Cook Islands
ALB	Albania	COL	Colombia
AND	Andorra	COM	Comoros
ARE	United Arab Emirates	CPV	Cabo Verde
ARG	Argentina	CRI	Costa Rica
ARM	Armenia	CUB	Cuba
ATG	Antigua and Barbuda	CYM	Cayman Islands (United Kingdom)
AUS	Australia	CYP	Cyprus
AUT	Austria	CZE	Czech Republic
AZE	Azerbaijan	DEU	Germany
BDI	Burundi	DJI	Djibouti
BEL	Belgium	DMA	Dominica
BEN	Benin	DNK	Denmark
BFA	Burkina Faso	DOM	Dominican Republic
BGD	Bangladesh	DZA	Algeria
BGR	Bulgaria	ECU	Ecuador
BHR	Bahrain	EGY	Egypt
BHS	Bahamas	ERI	Eritrea
BIH	Bosnia and Herzegovina	ESP	Spain
BLR	Belarus	EST	Estonia
BLZ	Belize	ETH	Ethiopia
BOL	Bolivia (Plurinational State of)	FIN	Finland
BRA	Brazil	FJI	Fiji
BRB	Barbados	FRA	France
BRN	Brunei Darussalam	FSM	Micronesia (Federated States of)
BTN	Bhutan	GAB	Gabon
BWA	Botswana	GBR	United Kingdom
CAF	Central African Republic	GEO	Georgia
CAN	Canada	GHA	Ghana
CHE	Switzerland	GIN	Guinea
CHL	Chile	GMB	Gambia
CHN	China	GNB	Guinea-Bissau
CIV	Côte d'Ivoire	GNQ	Equatorial Guinea
CMR	Cameroon	GRC	Greece
COD	Democratic Rep. of the Congo	GRD	Grenada

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
GTM	Guatemala	LVA	Latvia
GUY	Guyana	MAR	Morocco
HKG	Hong Kong, China	MCO	Monaco
HND	Honduras	MDA	Republic of Moldova
HRV	Croatia	MDG	Madagascar
HTI	Haiti	MDV	Maldives
HUN	Hungary	MEX	Mexico
IDN	Indonesia	MHL	Marshall Islands
IND	India	MKD	The former Yugoslav Republic of Macedonia
IRL	Ireland	MLI	Mali
IRN	Iran (Islamic Republic of)	MLT	Malta
IRQ	Iraq	MMR	Myanmar
ISL	Iceland	MNE	Montenegro
ISR	Israel	MNG	Mongolia
ITA	Italy	MOZ	Mozambique
JAM	Jamaica	MRT	Mauritania
JOR	Jordan	MUS	Mauritius
JPN	Japan	MWI	Malawi
KAZ	Kazakhstan	MYS	Malaysia
KEN	Kenya	NAM	Namibia
KGZ	Kyrgyzstan	NER	Niger
KHM	Cambodia	NGA	Nigeria
KIR	Kiribati	NIC	Nicaragua
KNA	Saint Kitts and Nevis	NIU	Niue
KOR	Republic of Korea	NLD	Netherlands
KWT	Kuwait	NOR	Norway
LAO	Lao People's Democratic Republic	NPL	Nepal
LBN	Lebanon	NRU	Nauru
LBR	Liberia	NZL	New Zealand
LBY	Libya	OMN	Oman
LCA	Saint Lucia	PAK	Pakistan
LIE	Liechtenstein	PAN	Panama
LKA	Sri Lanka	PER	Peru
LSO	Lesotho	PHL	Philippines
LTU	Lithuania	PLW	Palau
LUX	Luxembourg	PNG	Papua New Guinea

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
POL	Poland	TUR	Turkey
PRK	Democratic People's Rep. of Korea	TUV	Tuvalu
PRT	Portugal	TZA	United Republic of Tanzania
PRY	Paraguay	UGA	Uganda
QAT	Qatar	UKR	Ukraine
ROU	Romania	URY	Uruguay
RUS	Russian Federation	USA	United States
RWA	Rwanda	UZB	Uzbekistan
SAU	Saudi Arabia	VAT	Holy See
SDN	Sudan	VCT	Saint Vincent and the Grenadines
SEN	Senegal	VEN	Venezuela (Bolivarian Republic of)
SGP	Singapore	VNM	Viet Nam
SLB	Solomon Islands	VUT	Vanuatu
SLE	Sierra Leone	WSM	Samoa
SLV	El Salvador	YEM	Yemen
SMR	San Marino	ZAF	South Africa
SOM	Somalia	ZMB	Zambia
SRB	Serbia	ZWE	Zimbabwe
SSD	South Sudan		
STP	Sao Tome and Principe		
SUR	Suriname		
SVK	Slovakia		
SVN	Slovenia		
SWE	Sweden		
SWZ	Swaziland		
SYC	Seychelles		
SYR	Syrian Arab Republic		
TCD	Chad		
TGO	Togo		
THA	Thailand		
TJK	Tajikistan		
TKM	Turkmenistan		
TLS	Timor-Leste		
TON	Tonga		
TTO	Trinidad and Tobago		
TUN	Tunisia		

**LIST OF COUNTRY ABBREVIATIONS  
Part 2 - Country Order**

**MEPC.2/Circ.20  
Annex 7  
17 December 2014  
Page 1 of 3**

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
AFG	Afghanistan	CHN	China
ALB	Albania	COL	Colombia
DZA	Algeria	COM	Comoros
AND	Andorra	COG	Congo
AGO	Angola	COK	Cook Islands
ATG	Antigua and Barbuda	CRI	Costa Rica
ARG	Argentina	CIV	Côte d'Ivoire
ARM	Armenia	HRV	Croatia
AUS	Australia	CUB	Cuba
AUT	Austria	CYP	Cyprus
AZE	Azerbaijan	CZE	Czech Republic
BHS	Bahamas	PRK	Democratic People's Rep. of Korea
BHR	Bahrain	COD	Democratic Rep. of the Congo
BGD	Bangladesh	DNK	Denmark
BRB	Barbados	DJI	Djibouti
BLR	Belarus	DMA	Dominica
BEL	Belgium	DOM	Dominican Republic
BLZ	Belize	ECU	Ecuador
BEN	Benin	EGY	Egypt
BTN	Bhutan	SLV	El Salvador
BOL	Bolivia (Plurinational State of)	GNQ	Equatorial Guinea
BIH	Bosnia and Herzegovina	ERI	Eritrea
BWA	Botswana	EST	Estonia
BRA	Brazil	ETH	Ethiopia
BRN	Brunei Darussalam	FJI	Fiji
BGR	Bulgaria	FIN	Finland
BFA	Burkina Faso	FRA	France
BDI	Burundi	GAB	Gabon
CPV	Cabo Verde	GMB	Gambia
KHM	Cambodia	GEO	Georgia
CMR	Cameroon	DEU	Germany
CAN	Canada	GHA	Ghana
CYM	Cayman Islands (United Kingdom)	GRC	Greece
CAF	Central African Republic	GRD	Grenada
TCD	Chad	GTM	Guatemala
CHL	Chile	GIN	Guinea

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
GNB	Guinea-Bissau	MLI	Mali
GUY	Guyana	MLT	Malta
HTI	Haiti	MHL	Marshall Islands
VAT	Holy See	MRT	Mauritania
HND	Honduras	MUS	Mauritius
HKG	Hong Kong, China	MEX	Mexico
HUN	Hungary	FSM	Micronesia (Federated States of)
ISL	Iceland	MCO	Monaco
IND	India	MNG	Mongolia
IDN	Indonesia	MNE	Montenegro
IRN	Iran (Islamic Republic of)	MAR	Morocco
IRQ	Iraq	MOZ	Mozambique
IRL	Ireland	MMR	Myanmar
ISR	Israel	NAM	Namibia
ITA	Italy	NRU	Nauru
JAM	Jamaica	NPL	Nepal
JPN	Japan	NLD	Netherlands
JOR	Jordan	NZL	New Zealand
KAZ	Kazakhstan	NIC	Nicaragua
KEN	Kenya	NER	Niger
KIR	Kiribati	NGA	Nigeria
KWT	Kuwait	NIU	Niue
KGZ	Kyrgyzstan	NOR	Norway
LAO	Lao People's Democratic Republic	OMN	Oman
LVA	Latvia	PAK	Pakistan
LBN	Lebanon	PLW	Palau
LSO	Lesotho	PAN	Panama
LBR	Liberia	PNG	Papua New Guinea
LBY	Libya	PRY	Paraguay
LIE	Liechtenstein	PER	Peru
LTU	Lithuania	PHL	Philippines
LUX	Luxembourg	POL	Poland
MDG	Madagascar	PRT	Portugal
MWI	Malawi	QAT	Qatar
MYS	Malaysia	KOR	Republic of Korea
MDV	Maldives	MDA	Republic of Moldova

<b>Code</b>	<b>Country</b>	<b>Code</b>	<b>Country</b>
ROU	Romania	TUN	Tunisia
RUS	Russian Federation	TUR	Turkey
RWA	Rwanda	TKM	Turkmenistan
KNA	Saint Kitts and Nevis	TUV	Tuvalu
LCA	Saint Lucia	UGA	Uganda
VCT	Saint Vincent and the Grenadines	UKR	Ukraine
WSM	Samoa	ARE	United Arab Emirates
SMR	San Marino	GBR	United Kingdom
STP	Sao Tome and Principe	TZA	United Republic of Tanzania
SAU	Saudi Arabia	USA	United States
SEN	Senegal	URY	Uruguay
SRB	Serbia	UZB	Uzbekistan
SYC	Seychelles	VUT	Vanuatu
SLE	Sierra Leone	VEN	Venezuela (Bolivarian Republic of)
SGP	Singapore	VNM	Viet Nam
SVK	Slovakia	YEM	Yemen
SVN	Slovenia	ZMB	Zambia
SLB	Solomon Islands	ZWE	Zimbabwe
SOM	Somalia		
ZAF	South Africa		
SSD	South Sudan		
ESP	Spain		
LKA	Sri Lanka		
SDN	Sudan		
SUR	Suriname		
SWZ	Swaziland		
SWE	Sweden		
CHE	Switzerland		
SYR	Syrian Arab Republic		
TJK	Tajikistan		
THA	Thailand		
MKD	The former Yugoslav Republic of Macedonia		
TLS	Timor-Leste		
TGO	Togo		
TON	Tonga		
TTO	Trinidad and Tobago		

## TRIPARTITE CONTACT ADDRESSES

### ARGENTINA

Mr. Luis Alberto Arroz  
Av E. Madero 235 - 4° Piso - Oficina 4.42.  
Buenos Aires C1106ACC

**Tel:** +54 11-4318-7666  
+54 11 4318 7673  
**Fax:** +54-11-4318-7666  
**E-mail:** dpma-mp@prefectura naval.gov.ar,  
laarroz@prefectura naval.gov.ar

### AUSTRALIA

General Manager  
Marine Environment Division  
Australian Maritime Safety Authority, GPO Box 2181  
CANBERRA ACT 2601

**Tel:** +61 2 6279 5073  
**Fax:** +61 2 6279 5076  
**E-mail:** GMMED@amsa.gov.au

### BELGIUM

Mr. Patrick Van Lancker  
FOD Mobiliteit en Vervoer  
Directoraat Generaal Vervoer  
Natiënkaai 5  
Oostende 8400

**Tel:** +32 5956 1462  
**Fax:** +32 5956 1474  
**E-mail:** patrick.vanlancker@mobiliteit.fgov.be

### BERMUDA (UNITED KINGDOM)

Mr Simon Hill  
PO Box Hm1628  
Hamilton HM GX

**Tel:** +1441 295 7251  
**Fax:** +1441 295 3718  
**E-mail:** survey.bermudashipping@gov.bm

### BRAZIL

Eng. Martins  
Diretoria de Portos e Costas (DPC-20)  
Rua Teofilo Otoni, 4  
Centro, Rio de Janeiro, CEP 20090-070

**Tel:** +55-21-2104 5220  
+55-21-2104 5203  
**Fax:** +55-21-2104 5202  
**E-mail:** tripartite@dpc.mar.mil.br

### CANADA

Director General Marine Safety (AMS)  
Transport Canada  
Ottawa, Ontario, K1A 0N7

**Tel:** +1-613-998-0610  
**Fax:** +1-613-954-1032  
**E-mail:** marinesfty@tc.gc.ca

### CAYMAN ISLANDS (UNITED KINGDOM)

#### C/O

Mr Iain David MacRae  
Environmental Policy Branch  
105 Commercial Road  
Southampton SO15 1EG  
United Kingdom

**Tel:** +44 2380 329 392  
**Fax:** + 44 2380 329 204  
**E-mail:** david.macrae@mcga.gov.uk

**CHILE**

Dirección General del Territorio Marítimo y de la Marine  
Mercante  
Errazuriz No. 537  
Valparaíso

**Tel:** +56-32-258091  
**Fax:** +56-32-252539

**CHINA**

Department of Ship Safety and Pollution Prevention  
China Maritime Safety Administration  
11 Jianguomennei Ave., Beijing 100736

**Tel:** +86-10-6529-2872  
**Fax:** +86-10-6529-2875  
**E-mail:** ehailiang@msa.gov.cn

**COLOMBIA**

Carrera 54 No. 26-50 CAN  
Bogotá

**Tel:** (+571) 2200490  
**Fax:** (+571) 2200490 Ext: 2213  
**E-mail:** dimar@dimar.mil.co

**CYPRUS**

Serghios Serghiou  
The Director  
Department of Merchant Shipping  
Ministry of Communications and Works, P.O. Box 56193,  
Kyllinis street  
Limassol cy-3305

**Tel:** + 357 25 848100  
**Fax:** + 357 25 848200  
**E-mail:** maritimeadmin@dms.mcw.gov.cy,  
environment@dms.mcw.gov.cy

**DENMARK**

Mr. Torben Wallach  
Agency for Spatial and Environmental Planning  
Ministry of the Environment  
Haraldsgade 53,  
Copenhagen Ø DK-2100

**Tel:** +4572543000  
**Fax:** +45 39279899  
**E-mail:** tw@nst.dk

**ECUADOR**

CPNV Jaime Ayala  
Elizalde 101 y malecón  
Guayaquil

**Tel:** +593-4-320400  
+593-4-324714  
**Fax:** +593-4-324246  
+593-4-320385  
**E-mail:** direccion@dirnea.org,  
asemar@dirnea.org

**EGYPT**

Rear Adm. Tawfik Abo Gindia  
Head  
Maritime Transport Sector  
Ministry of Transport, 4 Ptolemy Street  
Alexandria 21514

**Tel:** +203 484 3631  
**Fax:** +203 484 2096  
**E-mail:** mmt@idsc.net.eg

**ESTONIA**

Mr. Jaak Arro  
Estonian Maritime Administration  
Lume 9  
Tallinn 10416

**Tel:** +372 6205 715  
+372 6205 716  
**Fax:** +372 6205 706  
**E-mail:** nox@vta.ee



## FINLAND

Dr. Jyrki Vähätalo  
Finnish Transport Safety Agency  
P.O. Box 320  
Helsinki FI-00101

+358 40 525 8668  
**E-mail:** jyrki.vahatalo@trafi.fi

## FRANCE

Mr Pierre DUFOUR  
Ministère de l'Ecologie, du Développement Durable et de  
l'Energie  
Arche Paroi Nord  
LA DEFENSE CEDEX 92055

**Tel:** +33 1 40 81 14 96  
**Fax:** +33 1 40 81 10 65  
**E-mail:** pierre.dufour@developpement-  
durable.gouv.fr

## GERMANY

Mr. Berthold Kolberg  
Dienststelle Schiffsicherheit, BG Verkehr  
Reimerstwiete 2  
Hamburg 20457

**Tel:** +49-40-3613-70  
**Fax:** +49-40-3613-7204  
**E-mail:** berthold.kolberg@bg-verkehr.de

## GIBRALTAR (UNITED KINGDOM)

### C/O

Mr Iain David MacRae  
Environmental Policy Branch  
Spring Place  
105 Commercial Road  
Southampton SO15 7PL  
United Kingdom

**Tel:** +44 2380 329392  
**Fax:** +44 2380 329204  
**E-mail:** david.macrae@mcga.gov.uk

## GREECE

Cdr (HCG) Elias Sampatakakis  
Marine Environmental Protection  
Greek Ministry of Mercantile Marine  
109 Ipsilantou & Tsamadou Str., 185 32 Piraeus

**Tel:** +30-210-419-1132  
**Fax:** +30-210-422-0441  
**E-mail:** esamp@yen.gr

Lt. Cdr. Kontralouris  
Department of International Cooperation  
Greek Ministry of Mercantile Marine  
109 Ipsilantou & Tsamadou Str., 185 32 Piraeus

**Tel:** +30-210- 411-1304  
**Fax:** +30-210- 422-0441  
**E-mail:** chkon@yen.gr

## HONG KONG, CHINA

Multi-lateral Policy Division  
Marine Department  
21/F, Harbour Building, 38 Pier Road,  
Central,

**Tel:** +852 2852 4603  
**Fax:** +852 2542 4841  
**E-mail:** hkmpd@mardep.gov.hk

## ICELAND

Dr. Jensson  
Marine Environmental Department  
Directorate of Shipping  
P.O. Box 7200, IS-127 Reykjavik

**Tel:** +354-1-25844  
**Fax:** +354-1-29835

**INDIA**

Mr. Ajoy Chatterjee  
Directorate General of Shipping  
Ministry of Shipping, Road Transport and Highways  
"Jahaz Bhavan", Walchand Hirachand marg, Mumbai - 400  
001

**Tel:** +91 22 2261 1788  
+91 22 2261 3651/54  
**Fax:** +91 22 2269 4353  
+91 22 2261 3655  
**E-mail:** cs@dgshipping.com

**INDONESIA**

Direktorat Perkapalan & Pelayara (Directorate of Marine  
Safety)  
Direktorat Jenderal Perhubungan Laut  
Jl. Merdeka Timur No. 5, Jakarta Pusat

**Tel:** +62-21-384-0788  
**Fax:** +62-21-385-7690

**IRELAND**

Mr David Taylor  
Leeson Lane  
Dublin 2

**Tel:** +35316783471  
**Fax:** +35316783409  
**E-mail:** davidtaylor@transport.ie

**ISLE OF MAN (UNITED KINGDOM)**

**C/O**

Mr Iain David MacRae  
Environmental Policy Branch  
Spring Place  
105 Commercial Road  
Southampton SO15 7PL  
United Kingdom

**Tel:** +44 2380 329392  
**Fax:** +44 2380 329204  
**E-mail:** david.macrae@mcga.gov.uk

**ITALY**

Mr. Giorgio Saletti  
RINA SpA  
Head Office  
Via Corsica 12, 16128 Genova

**Tel:** +39-010-5385-437  
**Fax:** +39-010-5351-130  
**E-mail:** giorgio.saletti@rina.org

**JAPAN**

Mr Tomohiko Mino  
Environmental Management Bureau  
Ministry of the Environment  
1-2-2 Kasumigaseki, Chiyoda-ku  
Tokyo 100-8975

**Tel:** +81 3 5521 9023  
**Fax:** +81 3 3593 1438  
**E-mail:** TOMOHIKO\_MINO@env.go.jp

**LIBERIA**

**C/O**

Tony Dupree  
Liberian International Ship & Corporate Registry  
8619 Westwood Center Dr  
Vienna, Virginia 22182  
United States

**Tel:** +1 703 790 3434  
+ 1 703 963 6216  
**Fax:** +1 703 790 5655  
**E-mail:** technical@lisr.com

## MADAGASCAR

BP 581  
Route des hydrocarbures  
Alarobia  
ANTANANARIVO 101

**Tel:** +261 20 22 539 94 / 95  
+261 32 11 257 00  
**Fax:** +261 20 22 539 34  
**E-mail:** apmf@apmf.mg

BP 581  
Route des hydrocarbures  
Alarobia  
ANTANANARIVO 101

**Tel:** +261 20 22 539 94 / 95  
+261 32 11 257 00  
**Fax:** +261 20 22 539 34  
**E-mail:** apmf@apmf.mg

## MALAYSIA

Mr. Ketua Pengarah  
Jabatan Laut Malaysia  
Ibu Pejabat, Peti Surat 12  
Jalan Limbungan, 42007 Pelalsuhan Kelang, Selangoor  
Darut Ehsan

**Tel:** +603 3346 7777  
**Fax:** +603 3168 5289  
**E-mail:** kpgr@marine.gov.my

## MALTA

Mr Ivan Sammut  
Malta Transport Centre  
Marsa MRS 1917

**Tel:** +356-21250360  
**Fax:** +356-21241460  
**E-mail:** mershipmalta.tm@transport.gov.mt

## MARSHALL ISLANDS

Technical Services  
Office of the Marshall Islands Maritime Administrator  
Republic of the Marshall Islands, 11495 Commerce Park  
Drive  
Reston, Virginia 20191-1506

**Tel:** +1 703 620 4880  
**Fax:** +1 703 476 8522  
**E-mail:** technical@register-iri.com

## MEXICO

Lic. Pedro Pablo Zepeda Bermúdez  
Boulevard Adolfo López Mateos No. 1990, Piso 5  
Colonia Tlacopac, Delegación Álvaro Obregón  
México, D.F. 01049

**Tel:** +52 (55) 52 65 32 20  
+52 (55) 57 23 93 00 Ext. 26000  
**E-mail:** pedropablo.zepeda@sct.gob.mx

## NETHERLANDS

PO Box 16191  
Den Haag 2500 BD

**Tel:** +31884890000  
**Fax:** +31 10 202 3520  
**E-mail:** Marpol.tripartite@ilent.nl

## NEW ZEALAND

Level 10, 1 Grey St, Wellington 6011  
PO Box 27006, Wellington 6141  
Wellington

**Tel:** +64-4-473-0111  
**Fax:** +64-4-494-1263

**NIGERIA**

**C/O**

MR. ZAIKEDE PATRICK AKPOBOLOKEMI  
NO 4 BURMA ROAD  
APAPA  
LAGOS  
LAGOS  
Nigeria

**Tel:** 2348033452611  
**E-mail:** Patrick.akpobolokemi@nimasa.gov.ng

**NORWAY**

Norwegian Maritime Directorate  
P.O. Box 2222  
N-5509 Haugesund  
N-5528 Haugesund Smedasundet 50A

**Tel:** +47 52 74 51 80  
+47 52 74 50 00  
**Fax:** +47-52-74-5001  
+47 52 74 50 01  
**E-mail:** postmottak@sjofartsdir.no

**PANAMA**

Eng. Jose Luis Ortega  
Panama Maritime Authority  
SEGUMAR PANAMA  
PAN CANAL BUILDING OMAR TORRIJOS HERRERA  
ALBROOK AVE 4FL  
PANAMA

**Tel:** +507 501 5348  
+507 501 5350  
**E-mail:** jortega@segumar.com

**PERU**

Captain Manuel HINOJOSA López  
Av. Contralmirante Mora S/N. - Base Naval del Callao  
Callao Callao 01

**Tel:** +51 1 4200766  
+51 998702174  
**Fax:** +51 1 4291547  
**E-mail:** manuel.hinojosa@dicapi.mil.pe,  
comoperguard@dicapi.mil.pe

**PHILIPPINES**

Mr. Emerson M. Lorenzo  
Administrator  
Maritime Industry Authority  
5th Floor, PPL Bldgs., U.N. Avenue  
Manila

**Tel:** +63-2-521-1017  
**Fax:** +63-2-524-2746  
**E-mail:** emlorenzo2003@yahoo.com,  
nic.conti@yahoo.com,  
louie.delos.sanos@gmail.com

**POLAND**

4/6 Chałubińskiego Str.  
Warsaw 00-928

**Tel:** +48 22 630 16 39  
**Fax:** +48 22 630 14 97  
**E-mail:** sekretariatDTM@mir.gov.pl

**PORTUGAL**

The Director General  
Direccao-Geral da Navegacao e dos Transportes Maritimos  
Edificio Vasco Gama, Cais Alcantra, Lisboa

**Tel:** +351-1-395-7866  
**Fax:** +351-1-395-7863

## REPUBLIC OF KOREA

Mr Guisang LIM  
Maritime Industry and Technology Division  
Government Complex Sejong, 5-Dong, 94  
Dasom2-Ro  
Sejong-City 339-012

**Tel:** +82-44-200-5836  
**Fax:** +82-44-200-5849  
**E-mail:** lim471@korea.kr, jimsea@korea.kr

## SAINT LUCIA

MR CHRISTOPHER ALEXANDER  
MANOEL STREET. CASTRIES  
CASTRIES 651

**Tel:** 17587284846  
**Fax:** 17584530889  
**E-mail:** christopher.alexander@slaspa.com,  
chrisfalex@gmail.com

## SAINT VINCENT AND THE GRENADINES

Mr. Sjevo Dabinovic  
Commissioner for Maritime Affairs of St. Vincent and the  
Grenadines  
Monte Carlo Sun E/F  
74 Boulevard d'Italie, MC 98000 MONACO

**Tel:** +377 93 104450  
**Fax:** +377 93 104499

## SIERRA LEONE

Alhaji Wurroh Jalloh  
Executive Director  
Sierra Leone Maritime Administration  
6 Government Wharf  
Freetown Maritime House

**Tel:** +232 76601378  
+232 33601378  
**E-mail:** alhajiwurroh@yahoo.com

## SINGAPORE

Mr. Hock Beng Yeo  
Marine Environment & Safety (MES) Department  
Hazardous Cargo Section  
#19-00 Tanjong Pagar Complex, 7B Keppel Road  
Singapore 089055

**Tel:** +65-6325-2449  
**Fax:** +65-6325-2421  
**E-mail:** +65-6325-2430  
hock\_beng\_yeo@mpa.gov.sg,  
hazmat@mpa.gov.sg

## SOUTH AFRICA

Captain Winston Lobo  
South African Maritime Safety Authority  
Private Bag X54309  
Durban 4000

**Tel:** +27-31-3071501  
**Fax:** +27-31-3064983  
**E-mail:** wlobo@samsa.org.za

## SPAIN

Mr. Pablo Pedrosa  
Direccion General de la Marina Mercante  
Ministerio de Fomento  
C/Ruiz de Alarcon 1  
Madrid 28071

**Tel:** +34 91 597 9098  
**Fax:** +34 91 597 9287  
**E-mail:** ppedrosa@fomento.es

## SWEDEN

Swedish Transport Agency, Civil Aviation and Maritime  
Department  
Norrköping SE-60173

**Tel:** +46 771 503 503  
**Fax:** +46 11 185 256  
**E-mail:** sjofart@transportstyrelsen.se

**SWITZERLAND**

Elisabethenstrasse 33  
Basel 4010

**Tel:** +41 61 270 91 20  
**Fax:** +41 61 270 91 29  
**E-mail:** dv-ssa@eda.admin.ch

**TUNISIA**

Mr. Lassoued Faycal  
Chef de Service des Ports  
Direction Générale de la Marine Marchande  
Ministère du Transport, 24 avenue de la République, 1001  
Tunis

**Tel:** +216-1-259-117  
**Fax:** +216-1-354-244

**TURKEY**

Mr Olcay Dogan  
Directorate General for Regulation of Dangerous Goods  
and Combined Transport  
GMK Bulvari No:128/A Maltepe 06570  
ANKARA

**Tel:** +90 312 230 20 00  
**Fax:** +90 312 231 51 89  
**E-mail:** dangerousgoods@udhb.gov.tr

**UNITED ARAB EMIRATES**

Capt. Mohamed Alaa Farag  
National Transport Authority  
Marine Transport Sector  
P.O. Box 900 Abu Dhabi, United Arab Emirates  
Abu Dhabi 900

**Tel:** +971 2 4182146  
+97124182222  
**Fax:** +971 2 4491500  
**E-mail:** +97126506019  
alaa.farag@nta.gov.ae,  
marine@nta.gov.ae

**UNITED KINGDOM**

Mr Iain David MacRae  
Environmental Policy Branch  
Spring Place  
105 Commercial Road  
Southampton SO15 7PL

**Tel:** +44 2380 329392  
**Fax:** +44 2380 329204  
**E-mail:** david.macrae@mcga.gov.uk

**UNITED REPUBLIC OF TANZANIA**

**C/O**

Eng. Omar Chambo  
TANCOT House  
Pamba Road  
P.O. BOX 9144  
Dar es Salaam  
United Republic of Tanzania

**Tel:** +255 22 2112858  
**Fax:** +255 22 2112751  
**E-mail:** permsec@mot.gov.tz

**UNITED STATES**

Lt Cristina Nelson - alternate contact  
Hazardous Materials Standards (CG-ENG-5)  
United States Coast Guard  
2703 Martin Luther King Jr. Ave SE Stop 7509  
Washington, DC 20593-7509

**Tel:** +1-202-372-1419  
**Fax:** +1-202-372-1925  
**E-mail:** cristina.e.nelson@uscg.mil

**UNITED STATES**

Mr. Patrick Keffler - main contact  
Chief, Hazardous Materials Standards (CG-ENG-5)  
United States Coast Guard, 2703 Martin Luther King Jr.  
Ave SE, Stop 7509  
Washington DC 20593-7509

**Tel:** +1-202-372-1424  
**Fax:** +1-202-372-1926  
**E-mail:** patrick.a.keffler@uscg.mil

**URUGUAY**

Captain Jorge Perez  
Rambla 25 de Agosto S/N  
Edificio Nacional de Aduanas  
Primer Piso  
Montevideo 11000

**Tel:** 0059829157913  
**Fax:** 0059829157913  
**E-mail:** dirme@armada.gub.uy

**VANUATU**

CAPT ART BJORKNER  
Deputy Commissioner of Maritime Affairs  
Vanuatu Maritime Services Limited  
39 Broadway, Room 2020, New York  
NEW YORK 10006

**Tel:** +1 212 425 9600  
**Fax:** + 212 425 9652  
**E-mail:** email@vanuatuships.com

## **MANUFACTURERS AUTHORIZED TO CONDUCT POLLUTANT-ONLY ASSESSMENTS BY CALCULATION**

### **Authorized by France for Chevron Oronite S.A.**

Ms. Ludivine LANGEVIN  
Chevron Oronite S.A.  
Route du Pont 8  
Gonfreville l'Orcher  
76080 - Le Havre cedex

### **Authorized by Germany for Evonik Industries AG**

Ms. Ingrid de Wilde  
Evonik Industries AG  
Procurement Strategy  
Victoriastr. 43  
45772 Marl

### **Authorized by United Kingdom for Exxon Chemicals Ltd**

Dr. Andrew Holton  
Exxon Chemicals Ltd  
4600 Parkway  
Fareham  
Hampshire PO15 7AP

### **Authorized by United Republic of Tanzania for Ministry of Transport**

Eng. Omar Chambo  
TANCOT House  
Pamba Road  
P.O. BOX 9144  
Dar es Salaam  
United Republic of Tanzania

### **Authorized by United States for The Lubrizol Corporation**

Ms. Debora Hooper  
29400 Lakeland Boulevard  
Wickliffe, Ohio 44092-2298



**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 1 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
AA118 MULTI-DUTY	VANCE CHEMICALS PTE. LTD.	SGP
AA118 SAFETY NON-CAUSTIC	VANCE CHEMICALS PTE. LTD.	SGP
AA138 HEAVY-DUTY	VANCE CHEMICALS PTE. LTD.	SGP
AA158 ACIDIC	VANCE CHEMICALS PTE. LTD.	SGP
AC Clean 1 JT	TriStar Industries BV	NLD
AC Clean 24	Tristar Industries BV	NLD
Accell Clean Marine	Advanced BioCatalytics Corp.	USA
Accell Clean Marine Plus	Advanced BioCatalytics Corp.	USA
ACE 4020 Multi Purpose Detergent, T-Pol	ACE Chemicals International Pte. Ltd	SGP
ACE 7012 Oil & Grease Remover	ACE Chemicals International Pte. Ltd	SGP
ACE 9005 Heavy Duty Alkaline Cleaner	ACE Chemicals International Pte. Ltd	SGP
ACE 9007 Heavy Duty Tank Cleaner A	ACE Chemicals International Pte. Ltd	SGP
ACE 9011 Heavy Duty Cleaner	ACE Chemicals International Pte. Ltd	SGP
ACE 9020 Liquid Rig Wash	ACE Chemicals International Pte. Ltd	SGP
ACE 9026 Hydrocarbon Remover	ACE Chemicals International Pte. Ltd	SGP
ACE 9027 Sodium Hypochlorite 12% Solution	ACE Chemicals International Pte. Ltd	SGP
Acquaclean MPA	Blutec srl.	ITA
Acrylate Neutralizer	Vecom Marine Alliance BV	NLD
Air-O-Gone-1	TriStar Industries BV	NLD
ALCACLEAN HD	MARICHEM MARIGASES Worldwide	GRC
ALCACTIVE LIQUID	MARICHEM MARIGASES Worldwide	GRC
ALCACTIVE LIQUID PLUS	MARICHEM MARIGASES Worldwide	GRC
Alclean	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Alclean Safe	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Alcleaner PBC	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Alkaclean	UNI Americas LLC	USA
ALKACLEAN	UNISERVICE S.A.	ITA
ALKACLEAN	Blutec srl.	ITA
Alkaclean HD / PC Cleaner	Unimarine International BV - Eflochem	NLD
ALKACLEAN P.	Blutec srl.	ITA
Alkaclean S.	Blutec srl	ITA
Alkaclean Safety	Unimarine International BV - Eflochem	NLD
Alkaclean Safety	Vecom Marine Alliance BV	NLD
Alkaclean Safety	UNI Americas LLC	USA
ALKACLEAN SAFETY	UNISERVICE S.A.	ITA
Alkaline (CAUS)	StarMarine Chemical BV	NLD
Alkaline (POT)	StarMarine Chemical BV	NLD
Alkasafe Cleaner	CHEMO	GRC
Alkasolvent Liquid	CHEMO	GRC
Alkleen Buffer	UNITOR Chemicals	NOR
Alkleen Liquid	UNITOR Chemicals	NOR
Alkleen Safety Liquid	UNITOR Chemicals AS	NOR
ALOHA SWING	New Shin Young Co., Ltd.	KOR
ALOHA SWING PLUS	New Shin Young Co., Ltd.	KOR
ALPHA BUFFER CLEAN	ALPHA MARINE SOLUTIONS	USA
ALPHA SOAP	ALPHA MARINE SOLUTIONS	USA
ALPHA SOLVE	ALPHA MARINE SOLUTIONS	USA
AMEROID RSR	DREW MARINE	USA

\* It should be noted that where products or their solutions that appear in chapter 17 or 18 of the IBC Code or list 1 of the MEPC.2/Circular are used as washing media, their discharge shall be governed by regulation 13.5.1 of MARPOL Annex II and they do not need to be listed here.

**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 2 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
APEX-101 ECO ACID	APEX CHEMICALS (S) PTE LTD	SGP
APEX-120 METAL BRITE HD	APEX CHEMICALS (S) PTE LTD	SGP
APEX-182 PASSIVE CLEAN	APEX CHEMICALS (S) PTE LTD	SGP
APEX-195 TANK CLEAN BUFFER	APEX CHEMICALS (S) PTE LTD	SGP
APEX-228 SANI CLEAN	APEX CHEMICALS (S) PTE LTD	SGP
APEX-280 NEUTRAL HCF	APEX CHEMICALS (S) PTE LTD	SGP
APEX-303 ECOCLEAN	APEX CHEMICALS (S) PTE LTD	SGP
APEX-304 CHLOR CLEAN	APEX CHEMICALS (S) PTE LTD	SGP
APEX-418 ALKACLEAN HD	APEX CHEMICALS (S) PTE LTD	SGP
APEX-460 ALKACLEAN SAFETY LIQUID	APEX CHEMICALS (S) PTE LTD	SGP
APEX-5 MULTI POL	APEX CHAMICALS (S) PTE LTD	SGP
APEX-550 SEACLEAN VOYAGE	APEX CHEMICALS (S) PTE LTD	SGP
Aquabreak PX	UNITOR Chemicals AS	NOR
Aquamarine Aquawash T1080A	Aquamarine Chemicals	GBR
Aquamarine Caustic-Free Cleaner	Aquamarine Chemicals	GBR
Aquamarine Natural Zest T1335A	Aquamarine Chemicals	GBR
Aquamarine Neutral HCF	Aquamarine Chemicals	GBR
Aquamarine Rustremover	Aquamarine Chemicals	GBR
Aquamarine Strong Alkaline Cleaner T1108A	Aquamarine Chemicals	GBR
Aquamarine Tank Cleaner HD	Aquamarine Chemicals	GBR
AQUAQUICK 2000	AQUAQUICK EUROPE	NLD
AQUAQUICK 2000 SP	AQUAQUICK EUROPE	NLD
ATLAS 100	Atlas Chemicals, Inc	USA
ATLAS 150	Atlas Chemicals, Inc	USA
ATLAS 202	Atlas Chemicals, Inc	USA
ATLAS A-CHLOR	Atlas Chemicals, Inc	USA
ATLAS AQUA-SOLV	Atlas Chemicals, Inc	USA
ATLAS ATC	ATLAS CHEMICAL	USA
ATLAS CD-SEA	Atlas Chemicals, Inc	USA
ATLAS I-A-C	Atlas Chemicals, Inc	USA
ATLAS KRUSHER	Atlas Chemicals, Inc	USA
ATLAS MAR-CLEAN	Atlas Chemicals, Inc	USA
ATLAS METAL BRIGHT	Atlas Chemicals, Inc	USA
ATLAS METAL TREAT	Atlas Chemicals, Inc	USA
ATLAS SEA CLEAN	ATLAS CHEMICAL	USA
ATLAS SUPER GREEN	Atlas Chemicals, Inc	USA
ATLAS VIRO-SOL	ATLAS CHEMICAL	USA
B.T.S. HCF Water Based	Blutec srl	ITA
Bio Degreaser 165	VECOM	NLD
Buffer	StarMarine Chemical BV	NLD
Bufferclean 5.5	Unimarine International BV - Eflochem	NLD
Buffersol	MARICHEM MARIGASES Worldwide	GRC
C CLEAN NEO	Diversey Co. Ltd.	JPN
C/W CLEANER	ALPHA MARINE SOLUTIONS	USA
Carbin Cleaner	Shanghai Whitecat Special Chemicals Co. Ltd.	CHN
Carechlor	Marine Care B.V.	NLD
Careclean Acrylate Neutralizer	Marine Care B.V.	NLD
Careclean AF	Marine Care BV	NLD

**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 3 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Careclean Alkaline	Marine Care BV	NLD
Careclean Alkaline Extra	Marine Care BV	NLD
Careclean Alkaline Safety	Marine Care BV	NLD
Careclean Aquawash (Teepol)	Marine Care BV	NLD
Careclean Buffer	Marine Care BV	NLD
Careclean Caustic Soda	Marine Care B.V.	NLD
Careclean Coaltar	Marine Care BV	NLD
Careclean D80	Marine Care BV	NLD
Careclean Degreaser GP	Marine Care BV	NLD
Careclean Degreaser HD	Marine Care BV	NLD
Careclean Degreaser HD Split	Marine Care BV	NLD
Careclean Energy Wash	Marine Care BV	NLD
Careclean Formula #3	Marine Care B.V.	NLD
Careclean Formula #4	Marine Care B.V.	NLD
Careclean Formula #5	Marine Care B.V.	NLD
Careclean Foro HD	Marine Care BV	NLD
Careclean GP Enviro	Marine Care BV	NLD
Careclean Inhibitor Killer/Lead Cleaner	Marine Care BV	NLD
Careclean Latex Remover	Marine Care B.V.	NLD
Careclean LOW COD	Marine Care BV	NLD
Careclean Multiclean	Marine Care BV	NLD
Careclean Neutral HCF	Marine Care BV	NLD
Careclean Passivation Liquid	Marine Care cleaning additives	NLD
Careclean PL-Con	Marine Care cleaning additives	NLD
Careclean Potassium Hydroxide	Marine Care B.V.	NLD
Careclean Rust	Marine Care BV	NLD
Careclean SC	Marine Care B.V.	NLD
Careclean Super Degreaser	Marine Care BV	NLD
CARECLEAN TANK-BRIGHT	MARINE CARE B.V.	NLD
Careclean Voyage (Seaclean)	Marine Care BV	NLD
Careclean WAF	Marine Care B.V.	NLD
Caretank ECO	Marine Care BV	NLD
Caretank ECO Extra	Marine Care BV	NLD
Caustic Flakes	Wilhelmsen Chemicals AS	NOR
Caustic Potash	Wilhelmsen Chemicals AS	NOR
Caustic Potash DM	Drew Marine	USA
Caustic Soda DM	Drew Marine	USA
Cement Remover	MARICHEM MARIGASES Worldwide	GRC
CH-1 - High Foam Alkaline Cleaner for NLS Cargo Tanks	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
Chemalyt 146	Henkel Belgium N.V.	BEL
CHEMIPOL	CHEMO	GRC
CHEMTEC Solvent Degreaser	CHEMTEC Chemicals GmbH	DEU
CHEMTEC ZnHCR	CHEMTEC Chemicals GmbH	DEU
Chemtec-HCK	CHEMTEC Chemicals GmbH	DEU
CHLOR 12%	UNISERVICE S.A.	ITA
Citrisurf 3050	Stellar Solutions Inc	USA
CITRUS CLEAN	ALPHA MARINE SOLUTIONS	USA
Clean Break	UNI Americas LLC	USA

**CARGO TANK CLEANING ADDITIVES\***

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Cleanbreak	Blutec srl	ITA
Coal Tar Cleaner	Unimarine International BV - Eflochem	NLD
Coal Tar Remover	Vecom Marine Alliance BV	NLD
COAL TAR REMOVER	CHEMO SA	GRC
COAL TAR REMOVER	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
Coaltar Remover	WVT Industries N.V.	BEL
COLD WASH	UNISERVICE S.A.	ITA
Cold Wash C.	Blutec srl	ITA
Cold Wash HD	UNI Americas LLC	USA
Coldwash HD	Unimarine International BV - Eflochem	NLD
CP Alka HD	CHEMTEC Chemicals GmbH	DEU
CP AlkaSoft	CHEMTEC Chemicals GmbH	DEU
CP Chemtec Bleach	CHEMTEC Chemicals GmbH	DEU
CP Chemtec B-Solve	CHEMTEC Chemicals GmbH	DEU
CP Chemtec Citric Acid	CHEMTEC Chemicals GmbH	DEU
CP Chemtec KOH	CHEMTEC Chemicals GmbH	DEU
CP Chemtec NaOH	CHEMTEC Chemicals GmbH	DEU
CP Chemtec Nitric Acid	CHEMTEC Chemicals GmbH	DEU
CP Chemtec Sodium Carbonate	CHEMTEC Chemicals GmbH	DEU
CP Lead Clean	CP METAL CHEMICALS	NLD
CP Metal HD	CHEMTEC Chemicals GmbH	DEU
CP Multipol	CHEMTEC Chemicals GmbH	DEU
CP SMR	CHEMTEC Chemicals GmbH	DEU
CR AQUA CLEANER M	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER B	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER B PLUS	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER C	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER D	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER E	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER HCF	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER LAC	CRAMOIL SINGAPORE PTE LTD	SGP
CR DEGREASER X	CRAMOIL SINGAPORE PTE LTD	SGP
CR ENVIROCLEAN	CRAMOIL SINGAPORE PTE LTD	SGP
CR LEADCLEAN	CRAMOIL SINGAPORE PTE LTD	SGP
CR SPARKLECLEAN 8.4	CRAMOIL SINGAPORE PTE LTD	SGP
CR ZINC SAFE NEUTRAL HCF	CRAMOIL SINGAPORE PTE LTD	SGP
CTC - Cleaner - VLC	Chemtec Consulting GmbH	DEU
CTU	UNISERVICE S.A.	ITA
Degreaser 156	VECOM	NLD
Descaler Liquid 555	MARICHEM MARIGASES Worldwide	GRC
DG-01 - Solvent Based Degreaser HD Split for NLS Cargo Tank Cleaning	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
DG-02 - Heavy Duty Solvent Based Degreaser for NLS Cargo Tank Cleaning	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
DG-03 - Heavy Duty Water Based Degreaser for NLS Cargo Tank Cleaning	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
DG-04 - Multi-Purpose Liquid Detergent for NLS Cargo Tank Cleaning	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
DG-05 - Environment Cleaner Degreaser	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
DREW ABD	Drew Marine	USA

**CARGO TANK CLEANING ADDITIVES\***

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Drew BC	Drew Marine	USA
DREW NBD	Drew Marine	USA
DYE OUT	CHEMO	GRC
Eazy Aquaclean	Eazychem Ltd	GBR
Eazy Aquaclean HD	Eazychem Ltd	GBR
Eazy Aqualac	Eazychem Ltd.	GBR
Eazy Aqualac-P	Eazychem Ltd	GBR
Eazy NBD	Eazychem Ltd.	GBR
Eazy Tankwash	Eazychem Ltd.	GBR
Ecoclean	UNI Americas LLC	USA
Ecoclean	Vecom Marine Alliance BV	NLD
Ecoclean	Unimarine International BV - Eflochem	NLD
ECOCLEAN	Blutec srl.	ITA
ECOCLEAN	UNISERVICE S.A.	ITA
Ecosolu 14 Marine	OTI Greentech AG	CHE
ECOSOLUT 14 Marine	OTI Greentech AG	CHE
ECOSOLUT 14 SHD Marine	OTI Greentech AG	CHE
ECOSOLUT 14S Marine	OTI Greentech AG	CHE
ECOSOLUT 18 Marine	OTI Greentech AG	CHE
ECOSOLUT 24 HD Marine	OTI Greentech AG	CHE
ECOSOLUT 24 Marine	OTI Greentech AG	CHE
ECOSOLUT 24 Marine	OTI Greentech AG	CHE
EDGE	Drew Marine	USA
Enviro Alka Kleen HD	Enviro-Tech Specialities, Inc.	USA
Enviro Alka Kleen SAF	Enviro-Tech Specialities, Inc.	USA
Enviro Buffer Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro Care 370	Drew Marine	USA
Enviro Caustic (Sodium Hydroxide)	Enviro-Tech Specialities, Inc.	USA
Enviro Chlor	Enviro-Tech Specialities, Inc.	USA
Enviro Citrol Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro Cleaner	StarMarine Chemical	NLD
Enviro HCF Tank Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro HCF Tank Kleen SAF	Enviro-Tech Specialities, Inc.	USA
Enviro Kleen HD	Enviro-Tech Specialities, Inc.	USA
Enviro KOH (Potassium Hydroxide)	Enviro-Tech Specialities, Inc.	USA
Enviro Liquid Alkaline Cleaner/LAC	Enviro-Tech Specialities, Inc.	USA
Enviro Multi Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro P/D Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro Rust Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro Sea Kleen	Enviro-Tech Specialities, Inc.	USA
Enviro Solv	Enviro-Tech Specialities, Inc.	USA
Enviro Teepol	Enviro-Tech Specialities, Inc.	USA
ENVIROCARE 330	Drew Marine	USA
ENVIROCARE 340	Drew Marine	USA
ENVIROCARE 350	Drew Marine	USA
Envirocare 480	Drew Marine	USA
ENVIROCARE 480	Drew Marine	USA
ENVIROMATE® 2000	Drew Marine	USA

**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 6 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Enviropower HD	CHEMO	GRC
ER-AC	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
ER-AC PLUS	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
ER-APC	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
ER-APC AQUA	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ER-APC EXTRA 200	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ER-APC EXTRA 50	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ERCLEAN BUFFER	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ERCLEAN CTC	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ERCLEAN IGS	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ER-CLEAN SAFETY	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
ERCLEAN-HCF	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ER-HDC	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
ER-OGR	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
ER-TEEPOL	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
FALCHEM AQUASOLVE	Enerchem (s) Pte Ltd	SGP
FALCHEM Bleach Substitute	Enerchem (S) Pte. Ltd	SGP
FALCHEM Buffer Clean, Tank Cleaner	Enerchem (S) Pte. Ltd	SGP
FALCHEM CITRUS KLEEN	Enerchem (s) Pte Ltd	SGP
FALCHEM Enerpol, Multi Purpose Detergent	Enerchem (S) Pte. Ltd	SGP
FALCHEM ENVIROCLEAN	Enerchem (s) Pte Ltd	SGP
FALCHEM NEUTRAL CLEANER	Enerchem (s) Pte Ltd	SGP
FALCHEM SOLVATE OIL AND GREASE EMULSION	Enerchem (s) Pte Ltd	SGP
FALCHEM TANKLEEN	Enerchem (s) Pte Ltd	SGP
FOAM PLUS	MARICHEM MARIGASES Worldwide	GRC
Fresh Force Kleen	CHEMO	GRC
Genepol	UNI Americas LLC	USA
Genepol	Blutec srl	ITA
Genepol	Unimarine International BV - Eflochem	NLD
GENEPOL	UNISERVICE S.A.	ITA
General Cleaning & Solvent	MARICHEM MARIGASES Worldwide	GRC
GP Degreaser	VECOM	NLD
GP Enviro	VECOM	NLD
Grato 14 marine	Henkel Belgium N.V.	BEL
Grato 14 marine (US)	Henkel Belgium N.V.	BEL
Grato 50 marine	Henkel Belgium N.V.	BEL
Grato 50 marine (US)	Henkel Belgium N.V.	BEL
Green Care HC	Marine Care cleaning additives	NLD
Green Enviro	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
GreenCare CR	Marine Care	NLD
GreenCare Rust Remover	Marine Care	NLD
GreenCare Synergy	Marine Care cleaning additives	NLD
GREM COLD WASH	KALON S.A. SMYTH MORRIS	ESP
HAIZEN S-100	KAO CORP.	JPN
HD ALKALINE	ALPHA MARINE SOLUTIONS	USA
HD Tank Cleaner	WVT Industries N. V.	BEL
Hexaclean 3126 Alkaline Cleaner	A.I.M. Chemical Industries Pte Ltd	SGP
Hexaclean 3221 MP Detergent	A.I.M. Chemical Industries Pte Ltd	SGP

**CARGO TANK CLEANING ADDITIVES\***

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Hexaclean 3235 Water-Based Rigclean	A.I.M. Chemical Industries Pte Ltd	SGP
Hexaclean 3414 Heavy Duty Degreaser	A.I.M. Chemical Industries Pte Ltd	SGP
HOLDBRITE	CHEMO SA	GRC
HOLDBRITE XF	CHEMO SA	GRC
Hydrocarbon Remover	UNI Americas LLC	USA
HYDROCARBON X	ALPHA MARINE SOLUTIONS	USA
IGS CLEANER	CHEMO	GRC
Ion and Alkali Cleaning Agent of Jpal	Jpec Co. Ltd	JPN
Ipochlor-Inhibitor Killer	Star Marine Chemicals BV	NLD
KdB Teepol	Marine Care	NLD
KdB Totaal Ontvetter	Marine Care	NLD
KT - Citric	CHEMTEC Chemicals GmbH	DEU
KT - Neutral BG	CHEMTEC Chemicals GmbH	DEU
KT - PLUS	Chemtec Consulting GmbH	DEU
KT - Plus BG	CHEMTEC Chemicals GmbH	DEU
KT- MetalBright	CHEMTEC Chemicals GmbH	DEU
KT-AlkaPure	CHEMTEC Chemicals GmbH	DEU
KT-AlkaSoft	CHEMTEC Chemicals GmbH	DEU
KT-Pure	CHEMTEC Chemicals GmbH	DEU
KT-SeaClean	CHEMTEC Chemicals GmbH	DEU
KT-Solve	Chemtec Consulting GmbH	DEU
LAC	Drew Marine	USA
Latex Remover	VECOM	NLD
Lime Cleaner	MARICHEM MARIGASES Worldwide	GRC
LIME OUT	CHEMO SA	GRC
Liquid 35 NF	TriStar Industries BV	NLD
Liquid soap	Star Marine	NLD
MAC Alkid	MASTEC Co. Ltd	JPN
MAC Dual Clean	MASTEC Co. Ltd	JPN
MAC HC-10	MASTEC Co. Ltd	JPN
MAC HD	MASTEC Co. Ltd	JPN
MAC Prime	MASTEC Co. Ltd	JPN
MAC Safety Alkid	MASTEC Co. Ltd	JPN
MAC Susbright	MASTEC Co. Ltd	JPN
MAC-100	MASTEC Co. Ltd	JPN
Marclean AC	A Clean Partner Int. AB	SWE
Marclean AC+	A Clean Partner Int. AB	SWE
MarClean BioSolve Tank CC	The BioSolve Company	USA
Marclean CO - 1	Teco Chemicals AS	NOR
Marclean H60	Teco Chemicals AS	NOR
Marclean H60+	A Clean Partner Int. AB	SWE
Marclean HC	TECO Chemicals AS	NOR
Marclean HCR	A Clean Partner Int. AB	SWE
Marclean MB (Metal Bright)	Teco Chemicals AS	NOR
Marclean MB40	A Clean Partner Int. AB	SWE
Marclean SC	Teco Chemicals AS	NOR
Marclean Soap	A Clean Partner Int. AB	SWE
Marclean Solve	A Clean Partner Int. AB	SWE

**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 8 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
MarClean XP	A Clean Partner International AB	SWE
MARICHEM PCS	MARICHEM MARIGASES Worldwide	GRC
MARICHEM TTC	MARICHEM MARIGASES Worldwide	GRC
MARICLEAN - POL	MARICHEM MARIGASES Worldwide	GRC
MARICLEAN DG-25	Marichem Marigases Worldwide Services	GRC
MARICLEAN PCS	Marichem Marigases Worldwide Services	GRC
MARISOL	UNISERVICE S.A.	ITA
MARISOL GD	Maritech Marine Technologies AB	SWE
MARISOL HD	Marisol Chemical	SWE
MARISOL LC	Maritech Marine Technologies AB	SWE
MARISOL NC	Maritech Marine Technologies AB	SWE
MARISOL RW	Maritech Marine Technologies AB	SWE
MARISOL TC	Maritech Marine Technologies AB	SWE
MARISOL VT - PLUS	Maritech Marine Technologies AB	SWE
Masava Tank Cleaner	Masava Kemi ApS	DNK
Metal Brite HD	Unitor Chemicals AS	NOR
Metal Deruster	StarMarine Chemical BV	NLD
MITE	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Multi Cleaner	VECOM	NLD
Multicleaner	StarMarine Chemical BV	NLD
MULTICLEANER	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
NA marine	Henkel Belgium N.V.	BEL
Nalfleet Sea Shield 79105 ALKALINE CLEANER	Nalco, Ltd.	GBR
Nalfleet Sea Shield 79112 METAL BRIGHTENER	Nalco, Ltd.	GBR
Nalfleet Sea Shield 79118 DETERGENT CLEANER	Nalco, Ltd.	GBR
Natural	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Natural HCF	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
NAVACLEAN 801 - ALKATUFF	NAVADAN APS	DNK
NAVACLEAN 803 - ALKATUFF PHS	NAVADAN APS	DNK
NAVACLEAN 809 - TEEPOL PLUS	NAVADAN APS	DNK
NAVACLEAN 814 - DYESTUFF REMOVER	NAVADAN APS	DNK
NAVACLEAN 818 - COLDWASH	NAVADAN APS	DNK
NAVACLEAN 823 - BUFFERCLEANER 55	NAVADAN APS	DNK
NAVACLEAN 823 (CON) BUFFER CLEANER 55	NAVADAN APS	DNK
NAVACLEAN 842 - ALKASAFE	NAVADAN APS	DNK
NAVACLEAN 848 - NEUTRAL CLEANING CONCENTRATE	NAVADAN APS	DNK
NAVACLEAN 850 - WATERBASED NEUTRAL HCF	NAVADAN APS	DNK
NAVACLEAN 855 - HYDROCARBON REMOVER	NAVADAN APS	DNK
NAVACLEAN 856 - ECOCLEAN	NAVADAN APS	DNK
NAVACLEAN 860 - SEACLEAN GP	NAVADAN APS	DNK
NAVACLEAN 873 - RUST & STAIN REMOVER	NAVADAN APS	DNK
NAVACLEAN 888 - SEACLEAN	NAVADAN APS	DNK
NAVACLEAN 897 - IGS CLEANER	NAVADAN APS	DNK
NAVACLEAN 897 (CON) - IGS CLEANER	NAVADAN APS	DNK
NAVACLOR 812	NAVADAN APS	DNK
NEUTRAL CLEANER	MARICHEM MARIGASES Worldwide	GRC
Neutral HCF	Star marine Chemicals B.V.	NLD
NEUTRAL HCF CLEANER	CHEMO SA	GRC



**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 9 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
NOHYCAS (hydro carbon cleaner)	For Frame	NLD
Novaclean 300 marine	Henkel Belgium N.V.	BEL
Novaclean 400 marine	Henkel Belgium N.V.	BEL
Novoclean 200 marine	Henkel Belgium N.V.	BEL
OCN - 01 Alkaline Cleaner	OCN Marine Chemicals	CHL
OCN - 02 Alkaline Safety	OCN Marine Chemicals	CHL
OCN - 03 Eco-Cleaner	OCN Marine Chemicals	CHL
OCN - 04 Maxpol	OCN Marine Chemicals	CHL
OCN - 05 Sea Clean (Tank Cleaner)	OCN Marine Chemicals	CHL
Oil & Sludge Remover	CHEMO	GRC
OIL AND GREASE REMOVER	Marichem Marigases Worldwide Services	GRC
OIL AND GREASE REMOVER HD 999	MARICHEM MARIGASES Worldwide	GRC
Oil Spill Dispersant Type 1	VECOM	NLD
P3 - GRATOSOL	CP METAL CHEMICALS	NLD
P3 grato 14BNL	Henkel Belgium N.V.	BEL
P3-A	Henkel Adhesive Technologies	BEL
P3-glin	Henkel Belgium N.V.	BEL
P3-x vloeibaar	Henkel Belgium N.V.	BEL
Product Formula 3	Drew Marine	USA
Product Formula 4	Drew Marine	USA
Product Formula 5	Drew Marine	USA
Quick Split Cleaner	Vecom Marine Alliance BV	NLD
Ready	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Redox Heavy Duty Cleaner	REDOX CHEMICAL PTE LTD	SGP
Redox Heavy Duty Tank Cleaner	REDOX CHEMICAL PTE LTD	SGP
Redox Metal Brightener	REDOX CHEMICAL PTE LTD	SGP
Redox Multi-Purpose Cleaner	REDOX CHEMICAL PTE LTD	SGP
Redox Oil Spill Dispersant & Tank Cleaning Additive	REDOX CHEMICAL PTE LTD	SGP
Redox Twiinstart	REDOX CHEMICAL PTE LTD	SGP
Redox Water-Based Hydro-Carbon Free (HCF) Cleaner	REDOX CHEMICAL PTE LTD	SGP
Rem-25	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Resin Stripper	VECOM	NLD
RUST CLEAN	Blutec srl.	ITA
Rust Off	UNI Americas LLC	USA
Rust Remover	Vecom Marine Alliance BV	NLD
RUST REMOVER	ERTEK KIMYA TIC. ve SAN.LTD.STI	TUR
SAFETY ALKALINE	ALPHA MARINE SOLUTIONS	USA
SAFETY DEGREASER	ALPHA MARINE SOLUTIONS	USA
SC-1000	Infinity Enterprises, Inc	JPN
Sea Clean Plus	UNITOR Chemicals AS	NOR
Seaclean	Unimarine International BV - Eflochem	NLD
Seaclean	UNI Americas LLC	USA
SEACLEAN	UNISERVICE S.A.	ITA
SEACLEAN T	Blutec srl.	ITA
Seaclean Voyage	VECOM	NLD
SHIP 101 SEACLEAN	Shipdan Aps	DNK
SHIP 102 ALKALINE PHS	Shipdan Aps	DNK
SHIP 103 ALKALINE	Shipdan Aps	DNK

**CARGO TANK CLEANING ADDITIVES\***

**MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 10 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
SHIP 105 HYDROCARBON REMOVER	Shipdan Aps	DNK
SHIP 106 TEEPOL	Shipdan Aps	DNK
SHIP 107 NEUTRAL CLEANING	Shipdan Aps	DNK
SHIP 108 SOOT REMOVER	Shipdan Aps	DNK
SHIP 109 SOLVENT	Shipdan Aps	DNK
SHIP 110 ALKALINE SAFETY	Shipdan Aps	DNK
SHIP 111 WATERBASED NEUTRAL HCF	Shipdan Aps	DNK
SHIP 114 BUFFER	Shipdan Aps	DNK
SM-80	KALON S.A. SMYTH MORRIS	ESP
Sodium Hypochlorite	Wilhelmsen Chemicals AS	NOR
Sodium Hypochlorite 12.5% DM	Drew Marine	USA
SOLBREAK	MARICHEM MARIGASES Worldwide	GRC
Solvent Cleaner	Star Marine Chemicals BV	NLD
Starmarine Caus	Star Marine Chemicals BV	NLD
StarMarine Concentrate	Star Marine Chemicals BV	NLD
Starmarine G-EB	Star Marine Chemicals BV	NLD
StarMarine Special	Star Marine Chemicals BV	NLD
Steam Cleaner 155	WVT Industries N. V.	BEL
Steamclean Extra	VECOM	NLD
Steamer 130 HD	TriStar Industries BV	NLD
Steamer 140 HD	Tristar Industries BV	NLD
STSC CPPCLEAN	Eazychem Ltd	GBR
STSC DPPCLEAN	Eazychem Ltd	GBR
STSC DPPCLEAN ECO	Eazychem Ltd	GBR
STSC VEGCLEAN	Eazychem Ltd	GBR
Super Cleaner Y-SP 2	TriStar Industries BV	NLD
SUPER DEGREASER	CP METAL CHEMICALS	NLD
Super Red	CHEMO	GRC
Super Red Plus	CHEMO	GRC
SUPER TEEPOL	Diversey Co. Ltd.	JPN
T 1166 marine	Henkel Belgium N.V.	BEL
T 1166 marine (US)	Henkel Belgium N.V.	BEL
Tank & Bilge Cleaner	CHEMO	GRC
Tank Clean Alkaline	Vecom Marine Alliance BV	NLD
Tank Clean Alkaline Extra	Vecom Marine Alliance BV	NLD
Tank Clean Buffer	Vecom Marine Alliance BV	NLD
Tank Clean Enviro (COD)	Vecom Marine Alliance BV	NLD
TANK CLEANER	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
Tank Cleaner A	Marichem Marigases Worldwide Services	GRC
TANK CLEANER EXTRA	ERTEK KIMYA TIC. VE SAN. LTD. STI	TUR
TANK CLEANER S	MARICHEM MARIGASES Worldwide	GRC
Tank Cleaning Cat	WVT Industries N. V.	BEL
Tank Shine	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Tank Super Cleaner	CHEMO	GRC
Tankclean HCF	VECOM	NLD
Tankclean HCF Eco	Vecom Marine Alliance B.V.	NLD
Tankclean HD Split	Vecom Marine Alliance BV	NLD
Tankclean Neutral	Vecom Marine Alliance BV	NLD

**CARGO TANK CLEANING ADDITIVES\***

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
TankCleaner	Star Marine Chemicals BV	NLD
TANKCLEANER 9M	UNI Americas LLC	USA
TANKCLEANER P75	UNI Americas LLC	USA
Tankleen Advance	UNITOR Chemicals AS	NOR
Tankleen Bright	UNITOR Chemicals AS	NOR
TANKLEEN SWIFT	Unitor Chemicals AS	NOR
TANKLEEN TAR	Unitor Chemicals AS	NOR
TANKSHINE	CHEMO	GRC
TC-01 - Heavy Duty Alkaline Tank Cleaner	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-02 - Non-Caustic Alkaline Tank Cleaner	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-03 - Non-Toxic, Water-Based Safety Alkaline Cleaner	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-04 - Heavy Duty Concentrated Tank Cleaner	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-05 - Solvent Based Tank Cleaner	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-06 - Heavy Duty Water Based Hydrocarbon Free	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-07 - Water-Based Neutral Tank Cleaning Detergent	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-10 - Rust and Oxidation Remover for NLS Cargo Tank cleaning	ANMAR ENDUSTRIYEL KIMYA SAN. TIC. LTD. STI	TUR
TC-ALK	CEMKIMSAN KIMYA SAN.TIC.LTD.STI	TUR
TCS-3	New Shin Young Co., Ltd.	KOR
TCS-3 PLUS	New Shin Young Co., Ltd.	KOR
TCS-3T	New Shin Young Co., Ltd.	KOR
TCS-5	New Shin Young Co., Ltd.	KOR
TC-SOL	CEMKIMSAN KIMYA SAN. TIC.LTD.STI	TUR
TCS-PARA	New Shin Young Co., Ltd.	KOR
TCS-RSR	New Shin Young Co., Ltd.	KOR
TCS-SCMR	New Shin Young Co., Ltd.	KOR
TC-WAT	CEMKIMSAN KIMYA SAN. TIC.LTD.STI	TUR
Teco Caustic	Teco Chemicals AS	NOR
TECO CHLOR	Teco Chemicals AS	NOR
Teco Potassium (Potassium Hydroxide)	Teco Chemicals AS	NOR
Teepol	Star Marine	NLD
TEEPOL EIGHT	Diversey Co. Ltd.	JPN
TRIOALK-212	TIRIO KIMYA SAN. Ve. TIC. LTD. STI	TUR
TRIOALK-212/EXTRA	TIRIO KIMYA SAN. Ve. TIC. LTD. STI	TUR
TRIOBREAK-196	TIRIO KIMYA SAN. Ve. TIC. LTD. STI	TUR
TRIOTANK	TIRIO KIMYA SAN. Ve. TIC. LTD. STI	TUR
TRIOTANK/R	TIRIO KIMYA SAN. Ve. TIC. LTD. STI	TUR
ULTRA CLEAN	ALPHA MARINE SOLUTIONS	USA
UNI PARACLEAN	UNI Americas LLC	USA
Uniclean Break	Unimarine International BV - Eflochem	NLD
UNICLEAN DRASTIC	UNISERVICE S.A.	ITA
Uniclean Eco	Unimarine International BV - Eflochem	NLD
UNICLEAN GP	UNISERVICE S.A.	ITA
Uniclean GP Extra	Unimarine International BV - Eflochem	NLD
Uniclean HCF Eco	Unimarine International BV - Eflochem	NLD
Uniclean HD	UNI Americas LLC	USA
Uniclean HD	VECOM	NLD
Uniclean IG	UNI Americas LLC	USA
Uniclean Resin Remover	Unimarine International BV - Eflochem	NLD

**CARGO TANK CLEANING ADDITIVES\*****MEPC.2/Circ.20  
Annex 10  
17 December 2014  
Page 12 of 12**

<b>Name of cleaning additive</b>	<b>Name of manufacturer</b>	<b>Reporting country</b>
Uniclean Rust Remover	Unimarine International BV - Eflochem	NLD
Uniclean Steam Cleaner	Unimarine International BV - Eflochem	NLD
Uniclean Tank / Separating	Unimarine International BV - Eflochem	NLD
Unipol	UNITOR Chemicals AS	NOR
Veclean Blue	VECOM	NLD
Veclean Eco Acid	VECOM	NLD
Veclean Eco Alkaline	VECOM	NLD
Veclean General Purpose HD	Vecom Marine Alliance BV	NLD
WATERBASED NEUTRAL HCF	UNISERVICE S.A.	ITA
WB Neutral HCF	UNI Americas LLC	USA
Zinc Coat Conditioner	UNITOR Chemicals AS	NOR

## ANNEX 11

Bio-fuels recognized under the *Guidelines for the carriage of blends of petroleum oil and bio-fuels* (MEPC.1/Circ.761/Rev.1):

Fatty Acid Methyl Esters (FAME)\*

Vegetable oils

Ethyl alcohol

Alkanes (C10-C26), linear and branched with a flashpoint >60°C

Alkanes (C10-C26), linear and branched with a flashpoint ≤60°C

Alkanes (C5-C7), linear and branched†

Alkanes (C10-C17), linear and branched†

*Tert*-Amyl ethyl ether†

---

---

\* This entry is intended to include any specific FAMES set out in chapter 17 of the IBC Code or the MEPC.2/Circular

† With regard to the shipment of blends of petroleum oil and any of these products under MARPOL Annex II controls, it is necessary to raise or refer to tripartite agreements for such blends indicating the carriage requirements as appropriate.