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MEPC.2/Circ.30  
1 December 2024

## PROVISIONAL CATEGORIZATION OF LIQUID SUBSTANCES IN ACCORDANCE WITH MARPOL ANNEX II AND THE IBC CODE

### 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 and mixtures assessed as a whole
- 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 only used as components in trade-named mixtures
- Annex 6:** Synonyms for vegetable oils
- Annex 7:** List of country abbreviations
- Annex 8:** Tripartite agreement contact addresses
- Annex 9:** Manufacturers authorized to conduct pollutant-only assessments by calculation
- Annex 10:** Cargo tank cleaning additives
- Annex 11:** Biofuels recognized under the 2019 Guidelines for the carriage of blends of biofuels and MARPOL Annex I cargoes
- Annex 12:** Energy-rich fuels subject to Annex I of MARPOL

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 Technical 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, 11 and 12 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.29):

- .1 any new products, trade-named mixtures and cleaning additives that have been assessed by the ESPH Technical 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 MEPC.2/Circ.29.

3.3 Any amendments made to the product lists (annexes 1 to 5) since the issue of MEPC.2/Circ.29 are identified by shading of the field in which a change has been made. In accordance with PPR.1/Circ.10, the expiry date for products listed in annex 2 and 3 that were assessed prior to ESPH 25 (14 to 18 October 2019) is 31 December 2025.

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);
- .3 products which have been deemed to meet the criteria for a complex mixture considered to be a MARPOL Annex I cargo;
- .4 products that will be shipped under generic entries in the IBC Code or as list 1 products;
- .5 products that will be shipped under the IMDG Code only; or
- .6 entries that were covered by tripartite agreements and have reached their expiry dates, but which have not been assessed during the period specified in the tripartite agreement.

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 When a cargo is loaded prior to the entry-into-force date and unloaded after the entry-into-force date of an amendment to the IBC Code, the relevant provisions of the IBC Code at the time of loading should be applicable until the cargo has been unloaded.

3.7 Following the relevant decisions of ESPH 28 and ESPH 29, a list of products removed from lists 2 and 3 in accordance with the review prescribed by PPR.1/Circ.10 for the reasons set out in sub-paragraphs .2 to .5 of paragraph 3.4 above has been published on the IMO website to act as a historical record of these removals. This document can be accessed at:

<https://www.imo.org/en/OurWork/Environment/Pages/TripartiteAgreements.aspx>

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

3.8 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, based on expert judgement.

3.9 The definition of list 1 products, as contained in the present circular, corresponds to the definition of products contained in chapters 17 and 18 of 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 incorporated into the IBC Code when next amended and consequently removed from list 1. 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 3.4 above.

3.10 For products included in list 1 that have amended carriage requirements subsequent to the latest set of amendments to the IBC Code, the ESPH Technical Group will decide whether or not to add a qualifier to the product name. The use of a qualifier is intended to permit shipment of the reassessed product with the updated carriage requirements, as listed in the MEPC.2/Circular prior to the entry into force of the next amendment to the IBC Code.

3.11 If it is agreed that a qualifier is appropriate, then the product name included in this circular will be the IBC Code product name followed by "(amended)", e.g. Ethyl tert-butyl ether (amended), which will be the new and provisional product name.

3.12 The addition of a qualifier to the product name means that the reassessed product with the new and provisional product name will be a separate product in respect of the IBC Code, even if the chemical composition of the product is the same. Where a product with a qualifier is to be shipped, the product should be included in the addendum to the Certificate.

3.13 Any footnotes to entries in list 1 (found in parentheses following the product entry) of this circular are defined at the end of chapter 17 of the IBC Code.

### ***Country and territory codes (annex 7)***

3.14 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 the GESAMP/EHS Working Group) and carriage requirements (by the ESPH Technical Group), for each product.

3.15 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. The codes are included in annex 7. Part 1 of annex 7 presents entries by code order, while part 2 gives a listing by country/territory order.

#### ***Cargo tank cleaning additives (annex 10)***

3.16 MARPOL Annex II sets out limits for the discharge of NLS and includes restrictions on the types of cleaning additives that can be used in tank washing operations.

3.17 All cleaning additives set out in this circular (annex 10) have been evaluated by the ESPH Technical 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.

3.18 Where products or their solutions appearing in chapter 17 or 18 of the IBC Code or in list 1 of this circular are used as washing media, their discharge shall be governed by regulation 13.5.1 of MARPOL Annex II. As such they are not required to be listed in annex 10 of this circular.

#### ***Biofuels used in biofuel/MARPOL Annex I blends (annex 11)***

3.19 Annex 11 sets out the list of approved biofuels, as covered by the *2019 Guidelines for the carriage of blends of biofuels and MARPOL Annex I cargoes* (MSC-MEPC.2/Circ.17).

#### ***Energy-rich fuels subject to Annex I of MARPOL (annex 12)***

3.20 Annex 12 sets out the list of recognized energy-rich fuels in accordance with the *Guidelines for the carriage of energy-rich fuels and their blends* (MEPC.1/Circ.879).

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

4.1 The *Guidelines for the provisional assessment of liquids transported in bulk* are set out in MEPC.1/Circ.512/Rev.1. 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:

<https://www.imo.org/en/OurWork/Environment/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/Rev.1) and are candidates for inclusion in 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):	
Flashpoint (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 set out in appendix 6 of the annex to MEPC.1/Circ.512/Rev.1 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 that which appears 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 NLS 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 this 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 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 constitute 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 (s)he can accept the cargo without concern for fire, toxicity and other safety hazards and that, in the event of an accidental spill, (s)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 agreement contact addresses**

5.1 In accordance with 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, while 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 details are available through GISIS (<https://gisis.imo.org>) and that any required amendments may be made directly in the database by the Administration concerned.

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TRIPARTITE AGREEMENTS

List 1: Pure or technically pure products and mixtures assessed as a whole

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
Alcohols, C12-14 ethoxylated propoxylated		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
Alcohols (C11-C15) poly(1-7) ethoxylates	USA	ARG, BHS, BEL, BRA, CHN, HKG, IND, ITA, LBR, MLT, MHL, NLD, NOR, PAN, SGP, ESP, GBR	19/09/24	31/12/27	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
Alcohols (C11-15) poly(3) ethoxylates	USA	ARG, BHS, HKG, LBR, MLT, MHL, NOR, PAN, SGP, GBR	13/06/24	31/12/27	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
Alcohol (C6-C17) (secondary) poly(3-6) ethoxylates (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	R	No	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
Alcohol (C6-C17) (secondary) poly(7-12) ethoxylates (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	R	No	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
Alcohol (C12-C16) poly(1-6) ethoxylates (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.9
Alcohol (C12-C16) poly(7-19) ethoxylates (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	R	No	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
Alkylbenzenes mixtures (containing naphthalene) (amended)		All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6
Alkyl (C3-C11) benzenes with phenol-formaldehyde/acrylate polymers (33% or less)		All countries		None	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6
Alkylphenol alkoxyate	USA	ARG, BRA, CHL, ECU, PER, URY	08/06/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9
Alkylphenols (C10-C18, C12 rich)		All countries		None	X	S/P	1	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6
Benzyl toluene	DEU	BEL, BMU, CYM, GRC, LBR, MLT, MHL, NLD, NOR, PAN, SAU, SGP, ESP, SWE, ARE, GBR, USA	12/05/23	31/12/26	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19
Biofuel blends of Gasoline and Ethyl alcohol (>25% but <99% by volume) (*) (amended)		All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	R	FT	AC	No	15.12.1, 15.12.2, 15.12.3.2, 15.12.3.3, 15.12.4, 15.17, 15.19.6
Brassica carinata oil		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
Brown grease	FIN	AUS, BMU, CYM, CHN, HKG, IDN, LBR, MYS, MHL, NLD, NOR, PAN, PHL, KOR, SGP, GBR, USA	26/06/23	31/12/26	X	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9
Calcium chloride solution		All countries		None	Z	S	3	2G	Open	No	-	-	NF	O	No	No	No	15.19.6
Choline hydroxide solution		All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
Circular raw material, liquefied polymers	FIN	DNK, NLD, PRT, SWE	27/06/24	31/12/27	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	15.12, 15.14, 15.17, 15.19.6, 16.2.9
Concentrated filtrate of the neutralized reaction product of 5-[2-(methylthio)alkyl]imidazolidine-2,4-dione and potassium carbonate		All countries		None	Z	P	3	2G	Open	No	-	-	NF	O	No	No	No	16.2.9
Creosote (coal tar) (amended)		All countries		None	X	S/P	2	2G	Cont	No	T2	IIA	Yes	C	T	AD	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
Creosote (coal tar) (C8-C22, MW 116-278)		All countries		None	X	S/P	2	2G	Cont	No	T2	IIA	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9
Decanoic acid (amended)		All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.9

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

TRIPARTITE AGREEMENTS

List 1: Pure or technically pure products and mixtures assessed as a whole

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
2,4-Dichlorophenoxy acetic acid, choline salt solution		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6
Diglycidyl ether of bisphenol A (amended)		All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
Dimethyl carbonate		All countries		None	Z	S/P	3	2G	Cont	No	T1	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9
1-Dodecene (amended)		All countries		None	Y	P	3	2G	Open	No			Yes	O	No	ABC	No	15.19.6
Dodecylbenzene (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6
Epoxidized soybean oil	ARG	BRA, CYM, MHL, NLD, NOR, ESP, GBR, USA	25/03/22	31/12/25	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7
Ethylenediaminetetraacetic acid, tetrasodium salt solution (amended)		All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6
Ethyl tert-butyl ether (amended)		All countries		None	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	F	ABC	No	15.19.6
Ethylene glycol monoalkyl ethers (31% or less)/Ethylene glycol (25% or less)/Ethoxylated alcohols (15% or less)/Ethoxylated imidazolines (10% or less)/2-mercaptoethanol (5% or less) solution		All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
Fast pyrolysis bio-oil		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6, 16.2.7
Fatty acids (C16+) (amended)		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.7, 16.2.9
Ferric sulphate solution		All countries		None	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.11, 15.19.6
Fish by-products (fresh) (*)		All countries		None	Z		NA											
Fish silage (containing 3% or less formic acid with antioxidant)		All countries		None	Z		NA											
Glycerol/sorbitol blend, propoxylated and ethoxylated		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6
1,3,5-Hexahydrotriethanol-1,3,5-triazine solution		All countries		None	Y	S/P	2	2G	Open	No	-	-	NF	R	No	No	No	15.19.6
Hexahydro-1,3,5-trimethyl-1,3,5-triazine solution (45% or less)		All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
[[[2-hydroxyethyl]imino]dimethylene]bisphosphonic acid, sodium salt solution	GBR	NOR	08/06/22	31/12/25	Z	P	3	2G	Open	No	-	-	NF	O	No	No	No	
Isoalkanes (C16-C18)		All countries		None	Y	P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6
Lauric acid (amended)		All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9
Maleic acid/Acrylic acid/Ethenylsulphonic acid/Ethenylphosphonic acid polymer, sodium salt in aqueous/ethylene glycol solution		All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
Methyl acrylate		All countries		None	Y	S/P	3	2G	Cont	No	T1	IIB	No	C	FT	AC	No	15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2
N,N'-Methylene-bis(5-methyloxazolidine)		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19
Methyl methacrylate		All countries		None	Y	S/P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.13, 15.19.6, 16.6.1, 16.6.2
Nonylphenol poly(4+)ethoxylate (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.9
Offshore contaminated bulk liquid Treated (containing less than 0.8% of an H2S Scavenger) (o)	NOR	FRO, IMN, LUX, MHL, GBR	20/11/20	31/12/26	X	P	2	2G	Cont	No	-	-	Yes	C	No	AC	No	15.15, 15.19.6
alpha-Olefin (C12+) mixtures		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.7, 16.2.9
Olefins (C13+, all isomers) (amended)		All countries		None	Y	S/P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.9
Oleic acid (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.7, 16.2.9
Palm kernel acid oil (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
Palm kernel fatty acid distillate (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9

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



TRIPARTITE AGREEMENTS

List 1: Pure or technically pure products and mixtures assessed as a whole

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
Palm oil, empty fruit bunch		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, 16.2.7, 16.2.9
Palm oil mill effluent oil		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
Palm oil mill effluent oil fatty acid distillate		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, 16.2.7, 16.2.9
[[[(Phosphonomethyl)imino]bis[ethylenenitri]bis(methylene)]] tetrakisphosphonic acid, ammonium salt solution (60% or less)		All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6
Polyalkene sulphonic acid (C16-C18), sodium salt solution		All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6
Pongamia/Karanja seed oil, crude		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7
Pyridinium, 1-(phenylmethyl)-, alkyl derivatives, chlorides (30% or less)/Ethoxylated nonylphenols (10% or less) in isopropanol (15% or less)/Methanol (3% or less) solution		All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.6
Sodium chlorate solution (50% or less) (amended) (*)		All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	R	No	No	No	15.9, 15.19, 16.2.9
Sodium chloride solution (less than 30%)		All countries		None	Z			NA										
Sodium dodecylpoly(oxyethylene) sulphate solution		All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9
Sorbitol, propoxylated		All countries		None	Z	P	3	2G	Open	No	-	-	Yes	O	No	AC	No	
Spent bleaching earth vegetable oil (up to 20% free fatty acids, less than 1% hexane) (m)		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, 16.2.7, 16.2.9
Spent bleaching earth vegetable oil fatty acid distillate (m)		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, 16.2.7, 16.2.9
1,1,3,3-Tetrachloroprop-1-ene	FRA	BEL, CYM, DNK, LBR, LUX, MHL, NLD, PAN, SGP, GBR, USA	28/06/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABD	No	15.12, 15.16.2, 15.17, 15.19.6
Tricyanohexane		All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.9
Triethanolamine (amended)		All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9
Used cooking oil (Triglycerides, C16-C18 and C18 unsaturated, containing less than 25% free fatty acids) (m) (nbis)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
Urea/Ammonium phosphate solution (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6

(nbis) Confirmation that the composition of the product is in accordance with the decisions made by ESPH 30 (PPR 12/3, paragraphs 3.21 and 3.22) shall be required in order for the entry to be used. Otherwise, the more generic entry "Used cooking oil (m)" must be used.

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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	Expiry Date	Cat	ST	Remark	Company
ACPC22005A	6	Xylene	USA	15/08/19	31/12/25	Y	2		ChampionX
Additive ED95 102	10	Methyl tert-butyl ether	SWE	02/03/09	31/12/25	Z	3		SEKAB BioFuels & Chemicals
ALCOFREEZE BASE	11	Ethyl alcohol	USA	22/05/19	31/12/25	Z	NA		ALCOGROUP
ALFOL 610 ADE ALCOHOL	5	Decyl alcohol (all isomers)	USA	12/11/07	31/12/25	Y	2		Sasol
Articscreen bio	8	Ethyl alcohol	NLD	21/11/11	31/12/25	Y	3		Silcompa
ASH 1925	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
ASH 2636	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
ASH-H	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
ASH-M	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		Petro-SA
Butoxypolyglycol Basic	5	Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	USA	01/05/12	31/12/25	Y	2		Dow
C9/C10 AROMATICS	4	Trimethylbenzene (all isomers)	GBR	14/05/07	31/12/25	X	2		SABIC (UK)
CAN 17	9	Calcium nitrate; Ammonium nitrate	NOR	18/04/07	31/12/25	Z	3		Yara International S. A.
CELANESE MAM BLEND	8	Dodecyl alcohol	USA	06/03/07	31/12/25	Y	3		Celanese
CN9	11	Calcium nitrate less than 50%; Ammonium nitrate less than 10%	NOR	18/04/07	31/12/25	Z	NA		Yara International S. A.
CORR10003A	11	Sodium nitrite solution	GBR	18/10/24	None	Z	NA		ChampionX
DenatMix	10	Methyl tert-butyl ether	SWE	02/03/09	31/12/25	Z	3		SEKAB BioFuels & Chemicals
Dibasic esters	3	Dimethyl adipate	USA	19/01/07	31/12/25	X	2		Invista
DPAS 160, KEMGUARD 269	9	Maleic anhydride sodium allylsulphonate copolymer	NOR	10/09/10	31/12/25	Z	3		Clariant Oil Services Scandinavia AS
EC6359A	7	[[[(2-hydroxyethyl)imino]dimethylene]bisphosphonic acid, sodium salt	USA	31/07/18	31/12/25	Y	3		ChampionX
ECOROL 24	5	Dodecyl alcohol	JPN	10/03/06	31/12/25	Y	2		Ecogreen
ED95 Base	11	Ethyl alcohol	BRA	18/05/11	31/12/25	Z	NA		SEKAB BioFuels & Chemicals AB
Epikote TN 1001-X-75	4	Diphenol propane epichlorohydrin resins	NLD	02/03/06	31/12/25	X	2		Hexion Spec. Ch. BV
Etamax D	10	Methyl tert-butyl ether	SWE	25/11/08	31/12/25	Z	3		SEKAB BioFuels & Chemicals
Etamax UB	11	Ethyl alcohol	SWE	29/01/08	31/12/25	Z	NA		SEKAB BioFuels & Chemicals
ETHYLOL 78	11	Ethyl alcohol	ZAF	02/01/07	31/12/25	Z	NA		SASOL
ETHYLOL 95	11	Ethyl alcohol	ZAF	12/01/07	31/12/25	Z	NA		SASOL
ETHYLOL 99	11	Ethyl alcohol	ZAF	02/01/07	31/12/25	Z	NA		SASOL
FORSA™ SCW88003 SCALE INHIBITOR	9	[[[(phosphonomethyl)imino]bis [ethylenenitrilobis (methylene)]]tetrakisphosphonic acid, ammonium salt solution 60% or less)	GBR	07/12/18	31/12/25	Z	3		Baker Hughes Limited
Frostschutz	8	Ethylene glycol	NLD	01/05/07	31/12/25	Y	3		PROCAR B.V.
Gypton SA3360	7	2-Propene-1-aminium; N,N-dimethyl-n-2-propenyl, chloride homopolymer (solution)	NOR	22/10/13	31/12/25	Y	3		ChampionX
Gypton SD250	9	Potassium carbonate solution	NOR	12/11/12	31/12/25	Z	3		ChampionX
Gypton SD250 in KCl solution	9	Potassium carbonate solution	NOR	21/11/12	31/12/25	Z	3		ChampionX
H.B.R. (Volatile Oil)	6	Cyclopentane	JPN	07/12/06	31/12/25	Y	2		H.B.R.
HDM 10 Base	7	Rapeseed oil	GBR	10/11/06	31/12/25	Y	3	High Viscosity	Alchemy Oilfield
HITEC 6561	5	Dodecene (all isomers)	USA	06/11/07	31/12/25	Y	2		Afton Chemical

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	Expiry Date	Cat	ST	Remark	Company
HITEC 9300	5	Zinc alkyl dithiophosphate (C3-C14) and mineral oil	USA	15/04/13	31/12/25	Y	2	High Viscosity	Afton Chemical Corporation
HITEC 9345	5	Mineral oil	USA	21/05/12	31/12/25	Y	2	High Viscosity	Afton Chemical Corporation
HITEC 9345B	5	Mineral oil	USA	21/05/12	31/12/25	Y	2	High Viscosity	Afton Chemical Corporation
HITEC 9345T	5	Mineral oil	USA	04/03/11	31/12/25	Y	2	High Viscosity	Afton Chemical Corporation
HYDROTREATED C5 (HTC5)	8	Pentane (all isomers)	GBR	14/05/07	31/12/25	Y	3		SABIC (UK)
Infineum D1294	5	Mineral oil	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
Infineum D1640	5	Mineral oil	ITA	29/02/08	31/12/25	Y	2	High Viscosity	Infineum
Infineum D1642	5	Mineral oil	ITA	27/02/07	31/12/25	Y	2	High Viscosity	Infineum
Infineum D3348	5	Mineral oil	ITA	23/11/06	31/12/25	Y	2		Infineum
Infineum D3354	5	Mineral oil	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
Infineum D3356	5	Mineral oil	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
Infineum D3426	5	Mineral oil	ITA	26/10/07	31/12/25	Y	2	High Viscosity	Infineum
Infineum P5151	5	Mineral oil	ITA	23/11/06	31/12/25	Y	2		Infineum
Infineum P5318	5	Mineral oil	ITA	29/02/08	31/12/25	Y	2	High Viscosity	Infineum
Infineum P5320	5	Mineral oil	ITA	27/02/07	31/12/25	Y	2	High Viscosity	Infineum
Infineum P5601	5	Mineral oil	ITA	20/09/10	31/12/25	Y	2	High Viscosity	Infineum
Infineum P6212	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
Infineum P6213	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
Infineum P6216	5	Zinc alkyl dithiophosphate (C3-C14)	ITA	23/11/06	31/12/25	Y	2	High Viscosity	Infineum
ISO-PROPYLLOL	11	Isopropyl alcohol	ZAF	12/01/07	31/12/25	Z	NA		SASOL
KALCOL 1260	5	Dodecyl alcohol	MYS	10/11/06	31/12/25	Y	2		Fatty Chemical (MYS)
KALCOL 2465	5	Dodecyl alcohol	USA	14/06/06	31/12/25	Y	2		Fatty Chemical (MYS)
KALCOL 2470	5	Dodecyl alcohol	USA	14/06/06	31/12/25	Y	2		Fatty Chemical (MYS)
KemSweep NLP 5000	7	Iso- and Cyclo- Alkanes (C12+)	GBR	07/01/16	31/12/25	Y	3		Kemira
Lubrizol 16008	5	Mineral oil	USA	03/03/08	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 16010J	5	Mineral oil	USA	26/06/07	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 16011L	5	Mineral oil	USA	06/06/08	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 4800R	5	Zinc alkyl dithiophosphate (C3-C14)	USA	30/09/06	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 70135	5	Mineral oil	USA	30/09/06	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 9297	5	Calcium long chain alkyl phenate sulphide (C8-C40)	USA	30/09/06	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 9915A	5	Zinc alkyl dithiophosphate (C7-C16)	USA	30/09/06	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol 9990A	5	Mineral oil	USA	30/09/06	31/12/25	Y	2	High Viscosity	Lubrizol
Lubrizol PV1127	5	Alkenyl (C11+) amide	USA	21/07/10	31/12/25	Y	2	High Viscosity	Lubrizol
MIX 30	12	Vegetable protein solution (hydrolysed)	USA	02/03/12	31/12/25	OS		High Viscosity	Agridyne LLC
MOSSPAR 1925	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
MOSSPAR 2636	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA

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	Expiry Date	Cat	ST	Remark	Company
MOSSPAR H	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
MOSSPAR M	7	Iso- and Cyclo- Alkanes (C12+)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
MOSSPEN 10	8	Pentane (all isomers)	ZAF	27/12/06	31/12/25	Y	3		PetroSA
MOSSTANOL 120	8	n-Propyl alcohol	ZAF	27/12/06	31/12/25	Y	3		PetroSA
MOSSTANOL L	11	Ethyl alcohol	ZAF	27/12/06	31/12/25	Z	NA		PetroSA
MOSSTANOL P	6	Cyclopentanol	ZAF	28/01/07	31/12/25	Y	2		PetroSA
Neodol 24	5	Dodecyl alcohol	USA	21/11/08	31/12/25	Y	2		Shell
Octimise G2003	5	Solvent naphtha	BEL	27/02/07	31/12/25	Y	2		Innospec
Octimise G2048	5	Alkyl (C3-C4) benzenes	BEL	23/02/10	31/12/25	Y	2		Innospec
OLOA 15500	5	Mineral oil	USA	25/01/07	31/12/25	Y	2		Chevron Oronite
OLOA 1571	5	Mineral oil	USA	25/01/07	31/12/25	Y	2		Chevron Oronite
OLOA 219M	5	Calcium long chain alkyl phenate sulphide (C8-C40)	USA	02/03/07	31/12/25	Y	2	High Viscosity	Chevron Oronite
OLOA 219U	5	Calcium long chain alkyl phenate sulphide (C8-C40)	USA	02/03/07	31/12/25	Y	2	High Viscosity	Chevron Oronite
OLOA 275JD	5	Mineral oil	USA	06/06/08	31/12/25	Y	2		Chevron Oronite
OLOA 49812	5	Mineral oil	USA	24/10/07	31/12/25	Y	2	High Viscosity	Chevron Oronite
OLOA 49814	5	Mineral oil	USA	24/10/07	31/12/25	Y	2	High Viscosity	Chevron Oronite
OLOA 59707	5	Mineral oil	USA	06/03/07	31/12/25	Y	2	High Viscosity	Chevron Oronite
OrePrep F-597 Frother	7	1,6-Hexanediol distillation	USA	06/03/07	31/12/25	Y	3		CYTEC
Petrinex T9	3	Naphthalene	GBR	14/05/07	31/12/25	X	2		SABIC (UK)
PHASETREAT 7623	9	Ethylene glycol monoalkyl ethers	NOR	16/10/17	31/12/25	Z	3		Clariant Oil Services Scandinavia AS
PROP BH	8	n-Propyl alcohol	ZAF	12/01/07	31/12/25	Y	3		SASOL
R-50428	7	Ethylene glycol	USA	15/05/07	31/12/25	Y	3		North American Shipbuilding
RM 50141	4	Propylene tetramer	USA	15/01/07	31/12/25	X	2		Chevron Oronite
RM 50132	4	Propylene tetramer	USA	05/11/08	31/12/25	X	2		Chevron Oronite
RM 50142	4	Propylene tetramer	USA	03/07/06	31/12/25	X	2		Chevron Oronite
RM 50440	4	Propylene tetramer	USA	03/11/08	31/12/25	X	2		Chevron Oronite
SABUTOL	8	n-Propyl alcohol	ZAF	15/01/07	31/12/25	Y	3		SASOL
SBP 60-95	4	Hexane (all isomers)	ISR	30/09/06	31/12/25	X	2		Gadiv
SCAL16080A	9	Polyphosphoric acids, esters with triethanolamine, sodium salts solution	GBR	01/08/18	31/12/25	Z	3		ChampionX
SCAL16475A	7	Diethylenetriamine pentaacetic acid, pentapotassium salt (40% solution)	GBR	03/10/14	31/12/25	Y	3		ChampionX
SCAL26660A	7	Diethylenetriamine pentamethylene phosphonate, sodium salt solution	GBR	18/10/24	None	Y	3		ChampionX
SCALETREAT 13850	9	Ethylene glycol	NOR	04/01/16	31/12/25	Z	3		Clariant Oil Services Scandinavia AS
SCALETREAT 8031D	11	L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	NOR	04/08/14	31/12/25	Z	NA		Clariant Oil Services Scandinavia AS
SCALETREAT 8241	9	Maleic anhydride sodium allylsulphonate copolymer (aqueous solution)	NOR	06/10/10	31/12/25	Z	3		Clariant Oil Services Scandinavia AS
SCALETREAT ST12595	11	Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	04/08/14	31/12/25	Z	NA		Clariant Oil Services Scandinavia AS

**TRIPARTITE AGREEMENTS**

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

<b>Tradename</b>	<b>n.o.s.</b>	<b>Contains</b>	<b>Rep</b>	<b>Receive Date</b>	<b>Expiry Date</b>	<b>Cat</b>	<b>ST</b>	<b>Remark</b>	<b>Company</b>
SCALETREAT TP 8106	9	Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	10/09/10	31/12/25	Z	3	High Viscosity	Clariant Oil Services Scandinavia AS
SCALETREAT TP 8106A	9	Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	GBR	01/10/13	31/12/25	Z	3		Clariant Oil Services UK Ltd
SCW85902KCL	11	[[[(Phosphonomethyl)imino]bis[ethylenenitri]bis(methylene)]] tetrakisphosphonic acid, ammonium salt solution (60% or less)	GBR	05/10/18	31/12/25	Z	NA		Baker Hughes Limited
SELEXOL SOLVENT	7	Polyethylene glycol dimethyl ether	USA	21/11/08	31/12/25	Y	3		Dow
SOLGAD 100	6	Alkyl (C3-C4) benzenes	ISR	01/04/10	31/12/25	Y	2		Gadiv
SOLGAD 150	3	Alkyl (C5-C8) benzenes	ISR	30/09/06	31/12/25	X	2		Gadiv
SOLGAD 150ULN	3	Alkyl (C3-C4) benzenes	ISR	30/09/06	31/12/25	X	2		Gadiv
SOLGAD 200	3	Methyl naphthalene (molten)	ISR	30/09/06	31/12/25	X	2		Gadiv
SOLGAD 200ULN	3	Methyl naphthalene (molten)	ISR	30/10/06	31/12/25	X	2		Gadiv
SOLTROL 130	7	Iso- and Cyclo- Alkanes (C10-C11)	USA	02/05/08	31/12/25	Y	3		Chevron Phillips
SOLVTREAT 13860	11	Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether	NOR	05/10/18	31/12/25	Z	NA		Clariant Oil Services Scandinavia AS
WAXTREAT 3553	5	Alkyl (C3-C4) benzenes	NOR	14/08/08	31/12/25	Y	2		Clariant Oil Services Scandinavia AS
Xylenes Concentrates	6	Ethylbenzene	GBR	30/09/06	31/12/25	Y	2		ExxonMobil

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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.30

Annex 3

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Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
1-15% SCALETREAT TP 8385 in NaCl Brine	Carboxylated phosphonated sodium allyl sulphonate polymer	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	NF	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Haliburton AS
10% SCAL11360A in NaCl Brine	Hydrochloric acid	NOR	GBR	21/09/22	31/12/25	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Haliburton AS
10% SCALETREAT TP 8199C in 6% NaCl	Phosphoric acid; Ethanolamine	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	R	No	AC	No		Clariant Oil Services Scandinavia AS
10% SCALETREAT TP 8441 in NaCl Brine	Maleic acid/Acrylic acid/Ethenylsulfonic acid/Ethenylphosphonic acid polymer, sodium salt in aqueous/ethylene glycol solution	NOR	GBR	17/10/22	31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Haliburton AS
10% SCALETREAT TP 19065 in 6% NaCl Brine	Carboxylated phosphonated sodium allyl sulphonate polymer	NOR	GBR	11/09/24	31/12/27	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.17, 15.19.6	Clariant Oil Services Scandinavia AS
15% SCALETREAT TP 19065 in 6% NaCl Brine	Carboxylated phosphonated sodium allyl sulphonate polymer	NOR	GBR	11/09/24	31/12/27	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.17, 15.19.6	Clariant Oil Services Scandinavia AS
30-50% SCALETREAT SD 12154 in 3% KCl	Potassium hydroxide solution	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	O	No	AC	No	16.2.9	Clariant Oil Services Scandinavia AS
106.14	Calcium alkaryl sulphonate (C11-C50); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	05/04/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
106.14Z	Calcium alkaryl sulphonate (C11-C50); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	05/04/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
AD-1453	Calcium long-chain alkyl phenate sulphide (C8-C40); Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	DZA, ARG, AUS, BHS, BEL, BRA, CAN, CHN, COL, ECU, EGY, FRA, DEU, GRC, HKG, IND, IDN, ITA, JPN, MYS, NLD, NZL, NOR, PAN, PHL, KOR, ZAF, ESP, THA, TUR, ARE, GBR, USA, VEN	12/08/22	31/12/25	Y	SP	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Chevron Oronite
Alcoa CARP	Sodium aluminate	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19	Alcoa
AlgaPrime™ DHA LS	Dried algae biomass	BRA	AUS, BEL, CAN, CHL, DNK, ECU, FRA, DEU, IND, MEX, NLD, NZL, NOR, THA, GBR, USA, VNM	09/10/23	31/12/26	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9	Corbion Produtos Renováveis LTDA
Amine DCT	Triethylenetetramine/2-Piperazine-1-ylethylamine mixtures	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Dow Chemical

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.30

Annex 3

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Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
AP 13168	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
AP 13246	Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
AP 13275	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
ASPH11928SP	Toluene; 1-(2-Hydroxyethyl)-2-nor-(tall oil alkyl)-2-imidazoline	USA	All countries		None	X	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19.6	ChampionX
ASPH17544SP	Tall-oil fatty acids reaction products with diethylenetriamine	USA	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	Yes	15.12, 15.17, 15.19	ChampionX
Basol 2020	Potassium hydroxide solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	R	No	No	No	15.19.6	Schlumberger Production Technologies
BIOTREAT 13983	Glutaraldehyde solutions (50% or less); Didecyltrimethylammonium chloride	NOR	DNK, GBR	31/01/22	31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19	Clariant Oil Services Scandinavia AS
BIOTREAT 18297	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	NOR	DNK, GBR	07/02/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Clariant Oil Services Scandinavia AS
BK Gasoline	Benzene; 1,3-Cyclopentadiene dimer (molten)	ITA	All countries		31/12/25	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); Styrene	ITA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA
BWTR29368A	Sorbitan sesquioleate; and oil	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	ChampionX
BWTR29378A	Sorbitan sesquioleate; and oil	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	ChampionX
BWTR29398A	Sorbitan sesquioleate; and oil	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	ChampionX
BWTR29404A	Sorbitan sesquioleate; and oil	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	ChampionX
BWTR29408A	Sorbitan sesquioleate; and oil	GBR	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	ChampionX
CA 354	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	SGP	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite Company
CAS 29/75	Alkylbenzenes mixtures (containing naphthalene); Iso- and cyclo-alkanes (C12+)	GBR	All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Haltermann Carless UK Ltd.
CFX 2000	Iso- and cyclo-alkanes (C12+)	BEL	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
CFX 2100	Iso- and cyclo-alkanes (C12+)	BEL	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
CGW80742P	Methyl alcohol; Tall oil fatty acids reaction products with 2-[(2-amino ethyl)amino]ethanol, di-ethyl sulphate quaternized; and mineral oil	GBR	All countries		31/12/25	X	S/P	1	2G	Cont	No	T2	IIA	No	C	FT	ABC	Yes	15.11.2 to 15.11.4, 15.11.6 to 15.11.8, 15.12, 15.17, 15.19	Baker Hughes Limited
CM-9824	Sodium hydroxide solution	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Production Technologies
COATEX™ M 1083	Sodium poly(4+) acrylate solutions	FRA	FIN, NLD, NOR	10/01/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9	COATEX
COATEX™ NG 52	Sodium calcium polyacrylate	FRA	FIN, NLD, NOR	10/05/23	31/12/26	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9	COATEX
COATEX™ NG 70	Sodium calcium polyacrylate	FRA	FIN, NLD, NOR	09/03/23	31/12/26	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9	COATEX



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
COATEX™ NG 78	Sodium calcium polyacrylate	FRA	FIN, NLD, NOR	09/03/23	31/12/26	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	16.2.9	COATEX
CORR01036F2	2-Mercaptoethanol; Ethylene glycol monoalkyl ethers	GBR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ChampionX
CORR11113SP	1-Decanaminium, N-decyl-N, N-Dimethyl chloride; Fatty acid amine condensate	USA	BRA, GUY, TTO	13/03/23	31/12/26	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	ChampionX
CORR11413A	Tall oil acids reaction products with diethylenetriamine and acrylic acid in ethylene glycol; Ethylene glycol monoalkyl ethers	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ChampionX
CORR11610SP	Ethylene glycol monoalkyl ethers	GBR	All countries		None	Y	S/P	3	2G	Cont	No	T3	IIB	No	C	FT	AC	No	15.12, 15.17, 15.19	ChampionX
CORR11645A	Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecyl benzenesulfonic acid complexes in naphtha/isopropanol; Alkylbenzenes mixtures (containing naphthalene) (amended)	GBR	All countries		None	X	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19	ChampionX
CORR16196SP	Quaternary ammonium compounds, benzyl-C12-18 (even-numbered)-alkyldimethyl, chlorides; and 2-Mercaptoethanol	USA	All countries		None	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	ChampionX
CORR17676SP	Quaternary ammonium compounds, benzyl-C12-18 (even-numbered)-alkyldimethyl, chlorides; and Oil	USA	GUY	04/12/23	31/12/26	X	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	ChampionX
CORR18925A	Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecyl benzenesulfonic acid complexes in naphtha/isopropanol; Alkylbenzenes mixtures (containing naphthalene) (amended)	GBR	All countries		None	X	S/P	2	2G	Cont	No	T2	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	ChampionX
CORRTREAT 16313	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C18(unsaturated) acyl derivs., hydroxides, inner salts	NOR	GBR	06/06/22	31/12/25	Y	S/P	2	2G	Cont	No	T4	IIB	No	R	F	ABC	No	15.19	Clariant Oil Services Scandinavia AS
CORRTREAT 18426	Ethylene glycol mono alkyl ether and Betaines, (C12-18-amidoalkyl)dimethyl	NOR	GBR	25/03/22	31/12/25	Y	S/P	2	2G	Cont	No	T4	IIB	No	R	F	ABC	No	15.17, 15.19.6	Clariant Oil Services Scandinavia AS
CORRTREAT 19130	Ethylene glycol monoalkyl ethers; 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C18(unsaturated) acyl derivs., hydroxides, inner salts	NOR	GBR	11/05/23	31/12/26	Y	S/P	2	2G	Cont	No	T2	IIB	No	R	F	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
CRMLP blend	Circular raw material, liquefied polymers	FIN	FIN	12/09/24	31/12/27	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6, 16.2.9	Neste
CRW85735	Ethylene glycol monoalkyl ethers and 2-mercaptoethanol	GBR	DNK, NOR	15/06/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Baker Hughes Limited
CS 1500E	Polyalkene sulphonic acid (C20-C28), sodium salt	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.9	Chevron Oronite
CTC Crude Type A	Carbon tetrachloride	GBR	All countries		31/12/25	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		31/12/25	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	No	15.12, 15.17, 15.19	Dow Chemical

TRIPARTITE AGREEMENTS

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Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
DS-73063	Cyclohexane; and Toluene	NOR	IND	25/08/23	31/12/26	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Schlumberger Production Technologies
Eastman VersaMax	Bis-(2-ethylhexyl) terephthalate; Dibutyl terephthalate	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Eastman Chemical Company
Eastman VersaMax(TM) Plasticizer	Bis(2-ethylhexyl) terephthalate; Dibutyl terephthalate	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Eastman Chemical Company
EB-8075	2-(2-Butoxyethoxy)ethanol (BDGE)	NOR	NLD, GBR	02/12/22	31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No		Schlumberger Production Technologies
EEHC1	Triethylene glycol	GBR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ChampionX
EMBR12491A	Alkyl (C9+) Benzenes, Naphthalene, Petroleum Distillate	USA	GUY	07/02/22	31/12/25	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	ChampionX
EMBR18636A	Octanol (all isomers)	NOR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6	ChampionX
EMBR18636F3	Octanol (all isomers)	NOR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6	ChampionX
EMBR48636A	Octanol (all isomers)	NOR	FRO, GBR	04/04/24	31/12/27	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	ChampionX
EMBR48636F3	Octanol (all isomers)	GBR	NLD, NOR	16/11/22	31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	ChampionX
Emulsotron X-8636	Octanol (all isomers)	NOR	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ChampionX
ENORDET O332	Sodium alkyl (C14-C17) sulphonates (60-65% solution)	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6	Shell Chemical
EPG Basic	Potassium Oleate; Poly(2-8) alkylene glycol monoalkyl (C1-C6) ether	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Dow Chemical Company
Ethylol 75	Ethyl alcohol; Isopropyl ether	ZAF	All countries		31/12/25	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	F	AC	No	15.19.6	Sasol
EURODENATURANT	Methyl ethyl ketone	NLD	BEL, CYM, CHN, FRA, DEU, GRC, HKG, ITA, LVA, LBR, MLT, MHL, NOR, PAN, PHL, PRT, SGP, ESP, SWE, TUR, GBR, USA	27/03/24	31/12/27	Y	S/P	NA	2G	Cont	No	T2	IIB	No	R	F	AC	No	15.19.6	Alcofra
Exxal 8 Alcohols	Octanol (all isomers); Nonyl alcohol (all isomers)	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	ExxonMobil
Exxal 9 Alcohol	Nonyl alcohol (all isomers); Undecyl alcohol	NLD	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	ExxonMobil
Exxal L9 Alcohols	Nonyl alcohol (all isomers)	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	ExxonMobil
Exxal 10 Alcohols	Nonyl alcohol (all isomers); Undecyl alcohol	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	ExxonMobil
Exxal 13 Alcohol	Dodecyl alcohol; Alcohols (C13+)	NLD	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
EXXSOL D60(S) FLUID	Iso- and cyclo-alkanes (C12+)	SGP	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
FLOPAAM DWA3C	Iso- and cyclo-alkanes (C12+)	GBR	NOR	30/01/24	31/12/27	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.9	SNF OIL & GAS Ltd
Formalin FH35/5,5	Formaldehyde solutions (45% or less); Methyl alcohol (*)	NOR	GBR	19/01/24	31/12/27	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19	Dynea AS
Formalin FH35/12	Formaldehyde solutions (45% or less); Methyl alcohol (*)	NOR	GBR	19/01/24	31/12/27	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19	Dynea AS
Fraction C6	Benzene	ITA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA

TRIPARTITE AGREEMENTS

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Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Fraction C7	Toluene	ITA	All countries		31/12/25	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		31/12/25	Y	S/P	2	2G	Cont	No	T1	IIB	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	Versalis SpA
Fuerza Combustible	Methyl alcohol; Octane	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	Fuerza LLC
GT-7538	Diethanolamine	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6	Schlumberger Production Technologies
GT-7599	Diethanolamine	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6	Schlumberger Production Technologies
GT-7602	Diethanolamine	NOR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6	Schlumberger Production Technologies
GT-70515	Potassium hydroxide solution (*)	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	R	No	AC	No	15.19.6	Schlumberger Production Technologies
GT-71520	Diethanolamine	NOR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Production Technologies
GT-73541	Ethylene glycol	NOR	GBR	18/04/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Production Technologies
Gypton SA1360	Hydrochloric acid	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		ChampionX
H.B.M. (Volatile Oil)	Dicyclopentadiene, Resin Grade, 81-89%; 1,3-Pentadiene	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIB	No	C	FT	ABC	No	15.12, 15.13, 15.17, 15.19.6, 16.6.1, 16.6.2, 16.6.3	Zeon Corporation
Halliburton A-SPERSE	Ethoxylated long chain (C16+) alkyloxyalkylamine	USA	All countries		None	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19, 16.2.9	Halliburton
HiTEC 9345S	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Afton Chemical Corporation
Hydrocarbon Blend Stock 150 (HBS 150)	Dodecane, alcohols (C12+), primary, linear	USA	ARG, BHS, BEL, BRA, HKG, IND, ITA, JPN, LBR, MLT, MHL, NLD, NOR, PAN, KOR, SGP, ESP, TUR, GBR	19/09/24	31/12/27	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Shell Chemical Company
HYDT16671SP	Methyl alcohol; Poly n-alkylmethacrylamide ammonium acrylate copolymer (20% solution in DEGME)	GBR	All countries		31/12/25	Y	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19.6	ChampionX
IP CLEAN LX	Dodecane (all isomers)	JPN	All countries		31/12/25	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6	Idemitsu Kosan
IP Extraction Feed	Isoprene; 1,3-Cyclopentadiene dimer (molten)	NLD	All countries		None	Y	S/P	2	2G	Cont	Inert	T2	IIB	No	C	FT	ABC	No	15.12, 15.13, 15.14, 15.17, 15.19.6, 16.6.1, 16.6.2, 16.6.3	Shell
IP SOLVENT 1620	Dodecane (all isomers); and Nonane (all isomers)	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6	IDEMITSU KOSAN Co., Ltd.
IP SOLVENT 2028	Iso- and cyclo-alkanes (C12+); and Isoalkanes (C16-C18)	JPN	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	IDEMITSU KOSAN Co., Ltd.
Isopar G	Iso- and cyclo-alkanes (C10-C11)	BEL	All countries		None	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6	ExxonMobil

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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
Isopar H	Iso- and cyclo-alkanes (C10-C11)	BEL	All countries		None	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6	ExxonMobil
ISOPAR H BHT	Iso- and cyclo-alkanes (C10-C11)	USA	BEL, CHN, DNK, HKG, JPN, MHL, NLD, PAN, KOR, SGP	16/08/24	31/12/27	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6	ExxonMobil
Isopar L	Iso- and cyclo-alkanes (C12+)	BEL	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
Isopar L (E)	Iso- and cyclo-alkanes (C12+)	BEL	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
Isopar M	Iso- and cyclo-alkanes (C12+)	BEL	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
KemSweep NLP 5002	Acrylamide (ACAM) – Acrylic acid, sodium salt (NaAA) copolymer (70:30 ACAM:NaAA) in water/iso- and cyclo- alkanes (C12+)	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6, 16.2.6	Kemira
KI-3130	Tall-oil fatty acids reaction products with diethylenetriamine; Acetic acid	NOR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	O	No	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.19.6	Schlumberger Production Technologies
KI-3134	Didecylmethylammonium chloride; Ethylene glycol monobutyl ether	NOR	GBR	11/05/23	31/12/26	Y	S/P	3	2G	Cont	No	-	-	Yes	C	No	ABC	No	15.12.3, 15.12.4, 15.19	Schlumberger Production Technologies
Kogasol 56	Hexane (all isomers); Heptane (all isomers)	ZAF	All countries		31/12/25	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	ABC	No	15.12, 15.17, 15.19	SASOL
Leach water – sigevann	Formaldehyde solutions (45% or less); Methyl alcohol (*)	NOR	GBR	19/01/24	31/12/27	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6	IFF AS
Linealene 124	Dodecene (all isomers)	JPN	All countries		31/12/25	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
LINEVOL 911	Nonyl alcohol (all isomers); Undecyl alcohol	USA	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Shell Company
LUBAD 1798	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol and mineral oil	SGP	All countries		31/12/25	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) toluenesulphonic acid, calcium salts, low overbase; 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, 16.2.7	Chevron Oronite S.A.S.
LUBAD 1887	Calcium long-chain alkyl phenate sulphide (C8-C40); Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite
LUBAD 1999	Calcium long-chain alkyl phenate sulphide (C8-C40); Olefins (C13+, all isomers); and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9	Chevron Oronite
Lubrizol 106.14	Calcium alkaryl sulphonate (C11-C50); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	05/04/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol

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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 106.14Z	Calcium alkaryl sulphonate (C11-C50); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	05/04/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol 116.90	Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries	None		Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
LUBRIZOL 128.74Z	Dodecyl Phenol; Calcium long chain alkyl phenate sulphide (C8-C40); and mineral oil	USA	All countries	None		X	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9	Lubrizol
Lubrizol 4980A	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol 9240J	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; 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
Lubrizol 16005	Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol 20017	Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide; and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV1103	Polyolefin amide alkeneamine (C17+), Dodecyl phenol; and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IND, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, PHL, KOR, SAU, SGP, ZAF, ARE, GBR	19/12/22	31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol CV2301	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV2307	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14)	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV6503	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV7050	Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV7530	Polyolefin amide alkeneamine (C17+), Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IND, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, PHL, KOR, SAU, SGP, ZAF, ARE, GBR	05/12/22	31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol

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Lubrizol CV7540	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, PHL, KOR, SAU, SGP, ZAF, ARE, GBR	12/09/22	31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol FC8051X	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol FC9050	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol FC9052X	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol MAR 515U	Calcium long-chain alkyl phenate sulphide (C8-C40); Alcohols (C12+), primary, linear	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Lubrizol
Lubrizol MD9C00X	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
Lubrizol MD9C01X	Calcium long-chain alkyl phenate sulphide (C8-C40)	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol MD9C08Y	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	24/03/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol MD9C45TL	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
Lubrizol MD9C70TL	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
Lubrizol MD9C70X	Calcium long-chain alkyl phenate sulphide (C8-C40)	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol MD9C140X	Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol PV1023	Calcium alkaryl sulphonate (C11-C50); Alkenyl (C11+) amide; and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Lubrizol
Lubrizol PV1127K	Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide; and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol PV1410	Polyolefin amide alkeneamine borate (C28-C250); Alkenyl (C11+) amide; and mineral oil	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol PV1510	Polyolefin amide alkeneamine borate (C28-C250); Alkenyl (C11+) amide; and mineral oil	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol

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Lubrizol PV3400X	Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol PV6500X	Alkylated (C4-C9) hindered phenols; Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6	Lubrizol
Lubrizol PV6501X	Alkylated (C4-C9) hindered phenols; Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol PV7053	Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide; and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol SLF6006	Polyolefin amide alkeneamine (C17+); Calcium long-chain alkyl phenate sulphide (C8-C40)	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Lubrizol
MAR 363P	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
MB-50923	Tetrakis(hydroxymethyl)phosphonium sulphate (2:1)	NOR	GBR	23/05/24	31/12/27	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Schlumberger Production Technologies
MD9C08Y	Calcium long-chain alkyl phenate sulphide (C8-C40), dodecyl phenol; mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	24/03/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19.6, 16.2.6, 16.2.7	Lubrizol
MD9C70TL	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
MERVEILLEUX 30	Iso- and cyclo-alkanes (C10-C11)	JPN	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6	IDEMITSU KOSAN Co., Ltd.
MERVEILLEUX 40	Dodecane (all isomers); and Iso- and cyclo-alkanes (C12+)	JPN	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	IDEMITSU KOSAN Co., Ltd.
MPG Basic	Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether; Sodium methylate	USA	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19.6	Dow Chemical Company
NAPH23002A	Acetic acid; Alcohols (C9-11), ethoxylated, phosphate	GBR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	C	No	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19	ChampionX
NEODENE 1214	Olefins (C13+, all isomers); and 1-Dodecene	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Shell Chemical LP
Neodol 23	Dodecyl alcohol; Alcohols (C13+)	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.7, 16.2.9	Shell Company
Neodol 25	Alcohols (C14-C18), primary, linear and essentially linear; Alcohols (C13+)	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9	Shell Company
Neodol 91	Undecyl alcohol	USA	All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Shell Company
Neodol 135	Undecyl alcohol	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9	Shell Company

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Neoflo 3-14	Dodecane; Alcohols (C12+), primary, linear	USA	ARG, BHS, BEL, BRA, HKG, IND, ITA, JPN, LBR, MLT, MHL, NLD, NOR, PAN, KOR, SGP, ESP, TUR, GBR	19/09/24	31/12/27	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Shell Chemical Company
OCI Blend 1:2	Ethyl alcohol; Methyl alcohol (*)	NLD	DNK, IMN, IRL, MLT, MHL, NOR, GBR	25/01/24	31/12/27	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	No	15.12.1, 15.12.2, 15.12.3.2, 15.12.3.3, 15.12.4, 15.17, 15.19, 16.6.2	OCI Fuels BV
OLOA 273 Distillate	Alkylphenols (C10-C18, C12 rich)	FRA	All countries		None	X	S/P	1	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron Oronite S.A.S.
OLOA 9790F	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long-chain alkyl phenate sulphide (C8-C40); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 9999	Calcium long-chain alkyl phenate sulphide (C8-C40); 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 Oronite S.A.S.
OLOA 16310	Calcium alkyl (C10-C28) salicylate; Long-chain alkylphenol (C14-C18); and mineral oil	SGP	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	Chevron Oronite
OLOA 48018	Calcium long chain alkyl (C18-C28) salicylate; 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 Oronite S.A.S.
OLOA 48019	Polyolefin amide alkeneamine (C17+); 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, 16.2.7	Chevron Oronite S.A.S.
OLOA 49819	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long-chain alkyl phenate sulphide (C8-C40); and mineral oil	SGP	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 49822	Calcium long-chain alkyl phenate sulphide (C8-C40); and mineral oil	SGP	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite
OLOA 49833	Calcium long-chain alkyl phenate sulphide (C8-C40); Alkyl(C18-C28)toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite
OLOA 49834	Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite
OLOA 49835	Calcium long-chain alkyl phenate sulphide (C8-C40); Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite
OLOA 49836	Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron Oronite



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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
OLOA 49840	Calcium long-chain alkyl phenate sulphide (C8-C40); Alkyl(C18-C28) toluenesulphonic acid, calcium salts, high overbase; and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 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		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA 54000	Calcium long-chain alkyl phenate sulphide (C8-C40); 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, 16.2.7	Chevron Oronite S.A.S.
OLOA 54013	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	R	T	ABC	No	15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.7	Chevron Oronite S.A.S.
OLOA 55501	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	SGP	All countries		31/12/25	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) toluenesulphonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol; and mineral oil	SGP	All countries		31/12/25	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) toluenesulphonic acid, calcium salts, borated; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	SGP	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Chevron Oronite
OLOA 59766	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	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Chevron
OLOA 59770	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	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Chevron Oronite S.A.S.
OLOA 99470E	Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19, 16.2.6	Chevron
OLOA275JR	Calcium long chain alkyl (C18-C28) salicylate; and mineral oil	USA	All countries		31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Chevron
OMS	Iso- & cyclo-Alkanes (C10-C11)	USA	CYM, LBR, MEX	15/08/24	31/12/27	Y	S/P	3	2G	Cont	No	T3	IIA	No	R	F	AC	No	15.19.6	ExxonMobil
PARA12200A	Acrylated ethylene vinyl acetate polymer in ethylhexanol and diethylene glycol; and Polyethylene glycol monooleate	GBR	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, 16.2.7	ChampionX
PARA16592A	Naphthalene (molten); Alkyl (C3-C4) benzenes	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6	ChampionX
PE CIW-NO	Aniline	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	No	15.12, 15.17, 15.19.6	Halliburton AS

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Trade Name	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O	Company
Pentylol	n-Amyl alcohol and sec-Amyl alcohol	ZAF	All countries		31/12/25	Y	S/P	3	2G	Cont	No	T2	IIB	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6	Sasol
PFR23LUC	Methyl alcohol (*)	USA	All countries		None	Y	S/P	3	2G	Cont	No	T1	IIA	No	C	FT	AC	No	15.12.1, 15.12.2, 15.12.3.2, 15.12.3.3, 15.12.4, 15.17, 15.19	Baker Hughes Inc.
PHASETREAT 6861	2-Ethylhexanol	NOR	GBR	06/06/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Clariant Oil Services Scandinavia AS
PHASETREAT 16005	Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether; and Ethylene glycol monoalkyl ether	NOR	DNK, GBR	09/02/22	31/12/25	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
PHASETREAT 19191	Ethylene glycol monoalkyl ethers; and Alkyl-naphthalenes, crude (containing less than 1% naphthalene)	NOR	GBR	11/05/23	31/12/26	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12.3, 15.12.4, 15.19.6	Clariant Oil Services Scandinavia AS
PHASETREAT 19451	Alkyl-naphthalenes, crude (containing less than 1% naphthalene)	NOR	GBR	07/03/24	31/12/27	X	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
PIX 118	Ferric chloride solutions	FIN	All countries		None	Y	S/P	3	2G	Cont	No	-	-	NF	R	T	No	No	15.11.1, 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.19.6	Kemira
PPO Crude CIRC Broad	Aliphatic and aromatic hydrocarbons (C5-C26 fraction)	USA	BEL, CYM, DNK, FIN, HKG, LBR, MLT, MHL, NLD, NOR, PAN, SGP, ESP, ARE, GBR	24/05/22	31/12/25	X	S/P	1	2G	Cont	No	T3	IIA	No	C	FT	AC	No	15.12, 15.14, 15.17, 15.19, 16.2.9	The Dow Chemical Company
R12973A	Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
RAW C5	1-3-Cyclopentadiene; Isoprene	GBR	All countries		31/12/25	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	Sabik UK Petrochemicals
Resfiks 100	Ethylene glycol monoalkyl ethers	NOR	GBR	19/01/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Production Technologies
RM192D	Calcium long-chain alkyl phenate sulphide (C8-C40); 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 Oronite S.A.S.
SASC2013	Sodium hydroxide (30% or less)/Sodium aluminate (25% or less) solution	USA	All countries		31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Merichem
Sasol MPH	n-Alkanes (C9-C11); Olefins (C13+, all isomers); and Oil	ZAF	All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6, 16.2.6, 16.2.9	Sasol
Sasol PH	Olefins (C13+, all isomers); and Oil	ZAF	All countries		None	X	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.9	Sasol
SBM CL-NO XL	Boric acid	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19, 16.2.6	Halliburton AS
SBM DFS-H15	Hydrochloric acid; Aniline	NOR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	No	15.11, 15.12, 15.17, 15.19.6	Halliburton AS
SBM DM Preflush	Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19	Halliburton AS
SBM NSA-NO	Formic acid (85% or less acid); Acetic acid	NOR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	NF	R	T	No	No	15.11, 15.12.3, 15.12.4, 15.19.6	Halliburton AS
SCAL11360A	Hydrochloric acid (*)	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.11	ChampionX
SCAL11650A	Ethylene glycol	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		ChampionX

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SCAL12154A	Sodium diethylenetriaminepenta (methylenephosphonate)	USA	VUT	07/11/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	ChampionX
SCAL16079A	Sodium diethylenetriaminepenta (methylenephosphonate)	USA	VUT	07/11/22	31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	ChampionX
SCAL16312A	Formic acid (over 85%)	GBR	All countries		None	Y	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	ChampionX
SCAL16359A	Ethylene glycol and [[(2-hydroxyethyl) imino]dimethylene] bisphosphonic acid, sodium salt	GBR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		ChampionX
SCAL12895F1	Ethanolamine	NOR	FRO, GBR	11/09/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		ChampionX
SCALETREAT 12661	Potassium salt of maleic acid co-polymer and Potassium hydroxide	NOR	DNK, GBR	09/02/22	31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 13842	Ethanolamine; Maleic acid copolymer solution	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 14345	Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 16876	Maleic acid and potassium hydroxide	NOR	GBR	25/03/22	31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.17, 15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 18650	Sodium salts of [(2-hydroxyethyl)imino] dimethylene] bisphosphonic acid and [(2-hydroxy-2-oxo-1,4,2-oxazaphosphinan-4-yl)methyl] and Ethanolamine	NOR	GBR	06/06/22	31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6, 16.2.9	Clariant Oil Services Scandinavia AS
SCALETREAT DF 8386	Maleic anhydride - sodium allylsulphonate copolymer; Ethylene glycol	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT SD 12154	Potassium hydroxide solution	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	NF	C	No	No	No	15.17, 15.19, 16.2.9	Clariant Oil Services Scandinavia AS
SCALETREAT SD 12392	Acetic acid	NOR	All countries		31/12/25	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	Carboxylated phosphonated sodium allyl sulphonate polymer; and Ethanolamine	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Clariant Oil Services Scandinavia AS
SCALETREAT TP 19065	Carboxylated phosphonated sodium allyl sulphonate polymer; and Ethanolamine	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Clariant Oil Services Scandinavia AS
SCALETREAT XL36	Calcium chloride solution; Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No		Clariant Oil Services Scandinavia AS
SCAVTREAT 15211	1,3,5-Hexahydrotriethanol-1,3,5-triazine solution	NOR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Clariant Oil Services Scandinavia AS
SD-4108	Acetic acid	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8	Schlumberger Production Technologies

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SD-4127	Acetic acid; 1,3,5-Hexahydrotriethanol-1,3,5-triazine	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Schlumberger Production Technologies
SD-4206	Sodium hydroxide solution	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	NF	R	No	No	No	15.17, 15.19.6	Schlumberger Production Technologies
SD-4820	Formic acid (85% or less acid)	NOR	All countries		31/12/25	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	Schlumberger Production Technologies
Secure SC2020	3-(Triethoxysilyl)propylamine	NOR	All countries		31/12/25	Z	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	Yes	15.12, 15.17, 15.19	ChampionX
SGR 21	N,N'-Methylene-bis(5-methyloxazolidine); methyl alcohol	NOR	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19	REDA Oilfield AS
SI-4126	Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.17, 15.19.6	Schlumberger Production Technologies
SI-4142	2,6-Diaminohexanoic acid phosphonate mixed salts solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	R	No	No	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.19.6	Schlumberger Production Technologies
SI-4154	Ethanolamine	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.12.3, 15.12.4, 15.19.6	Schlumberger Production Technologies
SI-4489	2,6-Diaminohexanoic acid phosphonate mixed salts solution	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Schlumberger Production Technologies
SI-49024	Sodium hydroxide solution (*)	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Schlumberger Production Technologies
SoftAcid Aqua M	Formic acid (85% or less acid)	NOR	GBR	29/04/24	31/12/27	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T(g)	AC	Yes	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.17, 15.19.6	Borregaard AS
Solidless Kill Pill Weighted	Sodium bromide solution (less than 50%)	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	NF	C	T	No	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.9	Halliburton AS
SOLVTREAT 3030	Alkanes (C10-C26), linear and branched (flashpoint >60°C); Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Y	S/P	3	2G	Cont	No	-	-	Yes	R	No	ABC	No	15.19.6	Clariant Oil Services Scandinavia AS
SOLVTREAT 3062	Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
SOLVTREAT 12093	Ethylene glycol monoalkyl ethers	NOR	All countries		31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Clariant Oil Services Scandinavia AS
SRW88332	L-glutamic acid, N,N-diacetic acid	GBR	NOR	10/01/24	31/12/27	Y	P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.19.6	Baker Hughes

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ST1207R	Calcium long-chain alkyl phenate sulphide (C8-C40), dodecyl phenol, mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, HKG, IDN, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ZAF, ARE, GBR	24/03/22	31/12/25	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19.6, 16.2.6, 16.2.7	Lubrizol
SUBSEA125 Corrosion Inhibitor	Methyl alcohol (*); Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates	USA	All countries		None	X	S/P	1	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	Baker Hughes Inc.
SUBSEA924	Xylenes/ethylbenzene (10% or more) mixture	USA	All countries		None	Y	S/P	2	2G	Cont	No	T2	IIA	No	R	FT	ABC	No	15.12.3, 15.12.4, 15.19.6	Baker Hughes Inc.
SUBSEA626 Paraffin Inhibitor	Xylenes, Toluene	USA	IND	06/07/22	31/12/25	Y	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19.6, 16.2.7	Baker Hughes
SURFOM CS 5015	Ethoxylated tallow amine	BRA	All countries		31/12/25	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
Talumar B	Calcium long-chain alkyl phenate sulphide (C8-C40)	USA	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
TALUMAX B	Calcium long-chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
Toluene semirefined	Benzene; and Butylbenzene (all isomers)	ITA	BEL, ITA	03/05/23	31/12/26	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AB	No	15.12, 15.17, 15.19.6	Versalis SpA
Ucarsol	Piperazine (68% solution)	USA	All countries		31/12/25	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
Vertiscreen 052R	Ethyl alcohol	NOR	All countries		31/12/25	Z	S/P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6	Vertical
VISCODIS™ 2645 AH	Polyacrylic acid (42-44%)	FRA	BEL, CYM, DNK, HKG, LBR, LUX, MHL, NLD, PAN, SGP, GBR, USA	30/08/22	31/12/25	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Coatex
VITRI-REINFORCE G20	Phosphoric acid; and Zinc oxide	GBR	DNK, NOR	02/05/23	31/12/26	Y	S/P	3	2G	Cont	No	-	-	NF	R	T	No	No	15.11.1, 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.17, 15.19.6	VitriTech Limited
VITRI-REINFORCE G20W IN UP TO 1% HYDROCHLORIC ACID	Phosphoric acid; and Zinc oxide	GBR	DNK, NOR	02/05/23	31/12/26	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.11, 15.19.6	VitriTech Limited
Waksol 911 A	n-Alkanes (C9-C11); Paraffin wax	ZAF	All countries		31/12/25	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); Paraffin wax	ZAF	All countries		31/12/25	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
WAXTREAT DF 3694	Alkyl naphthalenes, crude (containing naphthalene)	NOR	DNK, GBR	09/02/22	31/12/25	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19, 16.2.6	Clariant Oil Services Scandinavia AS

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**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**

**MEPC.2/Circ.30  
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<b>Tradename</b>	<b>n.o.s. Contains</b>	<b>Rep</b>	<b>Countries</b>	<b>Receive Date</b>	<b>Expiry Date</b>	<b>Cat</b>	<b>ST</b>	<b>Remark</b>	<b>Company</b>
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**NO ENTRIES**

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**LIST 5: SUBSTANCES ONLY USED AS COMPONENTS IN TRADE-NAMED MIXTURES**

Product Name	Ship Type <sup>1</sup>	Pollution Category <sup>2</sup>	Component factor <sup>3</sup>
Acrylamide (ACAM) – Acrylic acid, sodium salt (NaAA) Copolymer (70:30 ACAM:NaAA) in water/iso- and cyclo-alkanes (C12+)	2 (Rule 11)	Y (Rule 7)	1 (Row p)
Acrylated ethylene vinyl acetate polymer in ethylhexanol and diethylene glycol	2 (Rule 8)	Y (Rule 7)	1 (Row p)
Alcohols (C9-11), ethoxylated, phosphate	2 (Rule 7)	Y (Rule 6)	10 (Row o)
L-Aspartic acid, homopolymer, sodium salt (aqueous solution)	3 (Rule 12)	Z (Rule 12)	0 (Row t)
Boric acid	3 (Rule 13)	Y (Rule 11)	25 (Row n)
Carboxylated phosphonated sodium allyl sulphonate polymer	3 (Rule 12)	Z (Rule 12)	0 (Row t)
Diethylenetriamine pentaacetic acid, pentapotassium salt (40% solution)	3 (Rule 12)	Y (Rule 7)	1 (Row p)
Diethylenetriamine pentamethylene phosphonate, sodium salt solution	3 (Rule 13)	Y (Rule 7)	1 (Row p)
[[[(2-hydroxyethyl)imino]dimethylene]bisphosphonic acid, sodium salt	3 (Rule 12)	Z (Rule 12)	0 (Row t)
1-(2-Hydroxyethyl)-2-nor-(tall oil alkyl)-2-imidazoline	1 (Rule 1)	X (Rule 1)	10,000 (Row f)
Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution)	3 (Rule 12)	Z (Rule 12)	0 (Row t)
Maleic acid copolymer solution	3 (Rule 12)	Z (Rule 12)	0 (Row t)
2-Mercaptoethanol	3 (Rule 12)	Y (Rule 11)	25 (Row n)
Polyalkene sulphonic acid (C20-C28), sodium salt	2 (Rule 8)	Y (Rule 10)	1 (Row s)
Polyethylene glycol monooleate	3 (Rule 13)	Y (Rule 6)	10 (Row o)
Polyphosphoric acids, esters with triethanolamine, sodium salts solution	3 (Rule 12)	Z (Rule 12)	0 (Row t)
Quaternary ammonium compounds, benzyl-C12-18 (even-numbered)-alkyldimethyl, chlorides	2 (Rule 4)	Y (Rule 5)	100 (Row m)
Sodium aluminate solution	2 (C3=(3), so ST2)	Y (Rule 6)	10 (Row o)
Sodium methylate	3 (Rule 13)	Y (Rule 11)	25 (Row n)
Sorbitan sesquioleate	2 (Rule 7)	Y (Rule 9)	1 (Row r)
Tall oil acids/linoleic acid dimer/polyalkylenepolyamines/dodecylbenzenesulphonic acid complexes in naphtha/isopropanol	2 (Rule 8)	Y (Rule 11)	25 (Row n)
Tall oil acids reaction products with diethylenetriamine and acrylic acid in ethylene glycol	3 (Rule 13)	Y (Rule 7)	1 (Row p)
Tall oil fatty acids reaction products with 2-[(2-aminoethyl)amino]ethanol, di-ethyl sulphate quaternized	1 (Rule 1)	X (Rule 1)	10,000 (Row i)
Tall-oil fatty acids reaction products with diethylenetriamine	2 (Rule 4)	X (Rule 3)	1000 (Row l)
3-(Triethoxysilyl)propylamine	2 (C3=(3), so ST2)	Z (Rule 12)	0 (Row t)

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<sup>1</sup> Rule for ship type refers to table 2 in 21.4.5.2 of the IBC Code

<sup>2</sup> Rule for Pollution Category refers to table 1 in 21.4.5.2 of the IBC Code / Appendix I to MARPOL Annex II

<sup>3</sup> Row for component factor refers to table 1 of MEPC.1/Circ.512/Rev.1



## SYNONYMS FOR VEGETABLE OILS

### BRASSICA CARINATA OIL

Ethiopian Mustard seed oil  
Ethiopian Rapeseed oil

### 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

### 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

**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 OIL, EMPTY FRUIT BUNCH**

EFBO  
Empty palm fruit bunch 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

#### **PONGAMIA/KARANJA SEED OIL, CRUDE**

Filtered pongamia seed oil  
Indian beech seed oil  
Karanja seed oil  
Pongamia glabra seed oil  
Refined pongamia seed oil

#### **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  
Technical 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 Desgommée (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

**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

**TUNG OIL**

China Wood Oil  
Raw Tung Oil  
Raw Wood Oil  
Wood Oil

**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.

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

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

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



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

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

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

DEU	Germany	LUX	Luxembourg
GHA	Ghana	MDG	Madagascar
GRC	Greece	MWI	Malawi
GRD	Grenada	MYS	Malaysia
GTM	Guatemala	MDV	Maldives
GIN	Guinea	MLI	Mali
GNB	Guinea-Bissau	MLT	Malta
GUY	Guyana	MHL	Marshall Islands
HTI	Haiti	MRT	Mauritania
VAT	Holy See	MUS	Mauritius
HND	Honduras	MEX	Mexico
HKG	Hong Kong, China	FSM	Micronesia (Federated States of)
HUN	Hungary	MCO	Monaco
ISL	Iceland	MNG	Mongolia
IND	India	MNE	Montenegro
IDN	Indonesia	MAR	Morocco
IRN	Iran (Islamic Republic of)	MOZ	Mozambique
IRQ	Iraq	MMR	Myanmar
IRL	Ireland	NAM	Namibia
IMN	Isle of Man	NRU	Nauru
ISR	Israel	NPL	Nepal
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JPN	Japan	NIC	Nicaragua
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KWT	Kuwait	NOR	Norway
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LBN	Lebanon	PAN	Panama
LSO	Lesotho	PNG	Papua New Guinea
LBR	Liberia	PRY	Paraguay
LBY	Libya	PER	Peru
LIE	Liechtenstein	PHL	Philippines
LTU	Lithuania	POL	Poland

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## CARGO TANK CLEANING ADDITIVES

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706 CARGOBRITE	Seven Chem and Tech	GRC
708 IGS CLEANER	Seven Chem and Tech	GRC
767 ALKATANK	Seven Chem and Tech	GRC
778 ALKATANK SAFETY	Seven Chem and Tech	GRC
779 SEVENPOL	Seven Chem and Tech	GRC
780 TANK SEA CLEANER HF	Seven Chem and Tech	GRC
790 TAR CLEAN	Seven Chem and Tech	GRC
AA118 SAFETY NON-CAUSTIC	VANCE CHEMICALS PTE. LTD.	SGP
AA128 MULTI-DUTY	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
Air-O-Gone-1	TriStar Industries BV	NLD
ALCACLEAN HD	MARICHEM MARIGASES Worldwide	GRC
ALCACLEAN XF	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
ALCACTIVE LIQUID	MARICHEM MARIGASES Worldwide	GRC
ALCACTIVE LIQUID PLUS	MARICHEM MARIGASES Worldwide	GRC
Alclean	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
ALCLEAN	G&E Bridge Ltd	KOR
ALCLEAN HD	G&E Bridge Ltd	KOR
Alclean Safe	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
ALCLEAN SAFE	G&E Bridge Ltd	KOR
Alcleaner PBC	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
ALKA MARINE SAFETY	CHEM MARINE	CHL
ALKA MARINE SHS	CHEM MARINE	CHL
ALKA MARINE WCI	World Clean International	PAN
ALKA MARINETUFF PHS	CHEM MARINE	CHL
Alkaclean	UNI Americas LLC	USA
ALKACLEAN	Blutec srl.	ITA
ALKACLEAN	UNIservice UNISAFE S.r.l.	ITA
Alkaclean HD / PC Cleaner	Unimarine International BV	NLD
ALKACLEAN P.	Blutec srl.	ITA
Alkaclean S.	Blutec srl	ITA
Alkaclean Safety	Unimarine International BV	NLD
Alkaclean Safety	Vecom Marine B.V.	NLD

\*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

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Name of cleaning additive	Name of manufacturer	Reporting country
Alkaclean Safety	UNI Americas LLC	USA
ALKACLEAN SAFETY	UNIservice UNISAFE S.r.l.	ITA
ALKAKLEEN	ALPHA CHEMICAL PRODUCTS	GRC
Alkaline (CAUS)	StarMarine Chemical BV	NLD
Alkaline (POT)	StarMarine Chemical BV	NLD
ALKALINE CLEANER PH	OCN MARINE CHEMICALS	CHL
Alkaline Green	Chemax and Phypers Company Limited	THA
ALKALINE HIGH WCI	World Clean International	PAN
Alkasafe Cleaner	CHEMO	GRC
Alkasolvent Liquid	CHEMO	GRC
Alkleen Buffer	Wilhelmsen Chemicals AS	NOR
Alkleen Liquid	Wilhelmsen Chemicals AS	NOR
Alkleen Safety Liquid	Wilhelmsen Chemicals AS	NOR
ALOHA SWING	New Shin Young Co., Ltd.	KOR
ALOHA SWING PLUS	New Shin Young Co., Ltd.	KOR
ALPHA BILGE & TANK CLEANER	ALPHA CHEMICAL PRODUCTS	GRC
ALPHA BUFFER CLEAN	ALPHA MARINE SOLUTIONS	USA
ALPHA CARGOCLEAN	ALPHA CHEMICAL PRODUCTS	GRC
ALPHA SOAP	ALPHA MARINE SOLUTIONS	USA
ALPHA SOLVE	ALPHA MARINE SOLUTIONS	USA
ALPHASAFE	ALPHA CHEMICAL PRODUCTS	GRC
AMEROID RSR	DREW MARINE	USA
APEX ECO SOLVE	APEX CHEMICALS (S) PTE LTD	SGP
APEX FOTC	APEX CHEMICALS (S) PTE LTD	SGP
APEX MOTC	APEX CHEMICALS (S) PTE LTD	SGP
APEX RYDLYME MARINE	APEX CHEMICALS (S) PTE LTD	SGP
APEX SMITH 88	APEX CHEMICALS (S) PTE LTD	SGP
APEX SMITH 99	APEX CHEMICALS (S) PTE LTD	SGP
APEX TANK CLEAN VLC	APEX CHEMICALS (S) PTE LTD	SGP
APEX-101 ECO ACID	APEX CHEMICALS (S) PTE LTD	SGP
APEX-120 METAL BRITE HD	APEX CHEMICALS (S) PTE LTD	SGP
APEX-122 METAL BRIGHTENER	APEX CHEMICALS (S) PTE LTD	SGP
APEX-128 METAL BRITE XTREME	APEX CHEMICALS (S) PTE LTD	SGP
APEX-162 CITRIC CLEAN	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-199 BTX	APEX CHEMICALS (S) PTE LTD	SGP
APEX-228 SANI CLEAN	APEX CHEMICALS (S) PTE LTD	SGP
APEX-270 HYDROCARBON ELIMINATOR	APEX CHEMICALS (S) PTE LTD	SGP
APEX-280 NEUTRAL HCF	APEX CHEMICALS (S) PTE LTD	SGP
APEX-290 TANK CLEAN OSD	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-418PH ALKACLEAN HD (POTASSIUM)	APEX CHEMICALS (S) PTE LTD	SGP
APEX-460 ALKACLEAN SAFETY LIQUID	APEX CHEMICALS (S) PTE LTD	SGP
APEX-480XF AQUATUFF HIGH FOAM	APEX CHEMICALS (S) PTE LTD	SGP



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Name of cleaning additive	Name of manufacturer	Reporting country
APEX-5 MULTI POL	APEX CHAMICALS (S) PTE LTD	SGP
APEX-550 SEACLEAN VOYAGE	APEX CHEMICALS (S) PTE LTD	SGP
Aquabreak PX	Wilhelmsen 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
ARIA AC+	K Marine Chemical Co., Ltd.	KOR
ARIA AGENT	K Marine Chemical Co., Ltd.	KOR
ARIA NEUTRAL PH	K Marine Chemical Co., Ltd.	KOR
ARIA SAFETY CLEAN	K Marine Chemical Co., Ltd.	KOR
ARR SAFETY LIQUID	EUROCHEM SA	GRC
ARR-LIQUID	EUROCHEM SA	GRC
ATBC 2020 L	ALPHA CHEMICAL PRODUCTS	GRC
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
AVRA ECO HCF	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRA IGS CLEANER	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRA TANK CLEANER	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRA TANK SAFE	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRACLEAN	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRACLEAN HD	AVRA MARINE CHEMICALS S.P.C.	GRC
AVRAPOL	AVRA MARINE CHEMICALS S.P.C.	GRC
B.T.S. HCF Water Based	Blutec srl	ITA
Bio Degreaser 165	Vecom Marine B.V.	NLD
Bonderite C-AD TR-1020S(DE)	Henkel Belgium N.V.	BEL
Bonderite C-IC 146	Henkel Belgium N.V.	BEL
Bonderite C-MC 12110	Henkel Belgium N.V.	BEL
Bonderite C-MC A	Henkel Adhesive Technologies	BEL

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Name of cleaning additive	Name of manufacturer	Reporting country
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BRAINCHEM AQUACLEAN HIGH FOAM (Code 551013)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM AQUACLEAN LOW FOAM (Code 551017)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM ENVIRO CLEAN (Code 551020)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM INHIBITOR KILLER (Code 550168)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM MB HD (Code 551081)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM NEUTRAL HCF (Code 551019)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM OIL SPILL DISPERSANT (Code 551076)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM SC (Code 551021)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM SEACLEAN (Code 551042)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM SUPER ALKA (Code 551011)	BRAIN CHEM INT PTE LTD	SGP
BRAINCHEM SUPER ECO (Code 551040)	BRAIN CHEM INT PTE LTD	SGP
BRAINCHEM TANK CLEAN ECO (Code 551041)	Brain Chem Int Pte Ltd	SGP
BRAINCHEM TANKCLEAN BUFFER (Code 551043)	Brain Chem Int Pte Ltd	SGP
BTI BIO	OILFLUX CAPITAL, SL	ESP
Buffer	StarMarine Chemical BV	NLD
Bufferclean 5.5	Unimarine International BV	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
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 Citric Acid	Marine Care B.V.	NLD
Careclean CitriXolve	Marine Care B.V. - The Netherlands	NLD
Careclean Coaltar	Marine Care BV	NLD
Careclean Concentrated Tank Cleaner	Marine Care BV	NLD
CareClean CR	Marine Care B.V.	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 Detergent Booster	Marine Care BV	NLD
Careclean Ecosolv	Marine Care B.V.	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

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Name of cleaning additive	Name of manufacturer	Reporting country
Careclean HCF - BG	Marine Care B.V.	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-CA	Marine Care BV	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 Supersolv	Marine Care B.V.	NLD
Careclean Tank Guard	Marine Care B.V.	NLD
CARECLEAN TANK-BRIGHT	MARINE CARE B.V.	NLD
Careclean Voyage (Seaclean)	Marine Care BV	NLD
Careclean WAF	Marine Care B.V.	NLD
Careclean Xcellerate VO	Marine Care B.V.	NLD
Careclean Zinco Surf	Marine Care B.V.	NLD
Caretank ECO	Marine Care BV	NLD
Caretank ECO Extra	Marine Care BV	NLD
Cargo Hold Cleanser	Yantai Mercury Chemical Technology Co., Ltd	CHN
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
CHEMIPOL	CHEMO	GRC
Chemtec Bleach	CHEMTEC Chemicals GmbH	DEU
Chemtec B-Solve	CHEMTEC Chemicals GmbH	DEU
Chemtec Citric Acid	CHEMTEC Chemicals GmbH	DEU
Chemtec KOH	CHEMTEC Chemicals GmbH	DEU
Chemtec Multipol	CHEMTEC Chemicals GmbH	DEU
Chemtec NaOH	CHEMTEC Chemicals GmbH	DEU
Chemtec Nitric Acid	CHEMTEC Chemicals GmbH	DEU
Chemtec Sodium Carbonate	CHEMTEC Chemicals GmbH	DEU
CHEMTEC Solvent Degreaser	CHEMTEC Chemicals GmbH	DEU
CHEMTEC ZnHCR	CHEMTEC Chemicals GmbH	DEU
Chemtec-HCK	CHEMTEC Chemicals GmbH	DEU
CHLOR 12%	UNIservice UNISAFE S.r.l.	ITA
Citrisurf 3050	Stellar Solutions Inc	USA
CITRUS CLEAN	ALPHA MARINE SOLUTIONS	USA
CITRUS POWER PLUS	ALPHA CHEMICAL PRODUCTS	GRC
Clean Break	UNI Americas LLC	USA
Cleanbreak	Blutec srl	ITA

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Coal Tar Cleaner	Unimarine International BV	NLD
COAL TAR CLEANER	AVRA MARINE CHEMICALS S.P.C.	GRC
Coal Tar Remover	Vecom Marine B.V.	NLD
COAL TAR REMOVER	Ertek Chemicals	TUR
COAL TAR REMOVER	CHEMO SA	GRC
Coaltar Remover	WVT Industries N.V.	BEL
COLD WASH	UNIservice UNISAFE S.r.l.	ITA
Cold Wash C.	Blutec srl	ITA
Cold Wash HD	UNI Americas LLC	USA
COLD WASH MARINE	CHEM MARINE	CHL
Coldwash HD	Unimarine International BV	NLD
CP Bleach	CP Metal Chemicals	NLD
CP B-Solve	CP Metal Chemicals	NLD
CP Caustic	CP Metal Chemicals	NLD
CP Citric Acid	CP Metal Chemicals	NLD
CP Lead Clean	CP METAL CHEMICALS	NLD
CP Nitric Acid	CP Metal Chemicals	NLD
CP Potassium	CP Metal Chemicals	NLD
CP Sodium Carbonate	CP Metal Chemicals	NLD
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
CT Alka HD	CHEMTEC Chemicals GmbH	DEU
CT Metal HD	CHEMTEC Chemicals GmbH	DEU
CTC - Cleaner - VLC	CHEMTEC Chemicals GmbH	DEU
D'Bond Heavy Duty Alkaline Degreaser	CSG Industries Pte Ltd	SGP
D'Bond Multi-purpose Cleaner	CSG Industries Pte Ltd	SGP
D'Bond Tank Cleaner (Solvent-based)	CSG Industries Pte Ltd	SGP
D'Bond Tank Cleaner (Water-based)	CSG Industries Pte Ltd	SGP
DC CLEAN HCR	DaeChang Chemical Co. Ltd.	KOR
DC CLEAN MSC	DaeChang Chemical Co. Ltd.	KOR
DC CLEAN NEUTRAL	DaeChang Chemical Co. Ltd.	KOR
DC CLEAN NLS	DaeChang Chemical Co. Ltd.	KOR
DC-ALKACLEAN	DaeChang Chemical Co. Ltd.	KOR
DC-ALKACLEAN HD	DaeChang Chemical Co. Ltd.	KOR
DC-AQUASOLVE	DaeChang Chemical Co. Ltd.	KOR
DC-CLEAN AC	DaeChang Chemical Co. Ltd.	KOR

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DC-CLEAN AC +	DaeChang Chemical Co. Ltd.	KOR
DC-NEUTRALCARE	DaeChang Chemical Co. Ltd.	KOR
DC-NEUTRALCARE PLUS	DaeChang Chemical Co. Ltd.	KOR
DC-RSR	DaeChang Chemical Co. Ltd.	KOR
DC-SCR	DaeChang Chemical Co. Ltd.	
Degreaser 156	Vecom Marine B.V.	NLD
DEGREASER HD WCI	World Clean International	PAN
Descaler Liquid 555	MARICHEM MARIGASES Worldwide	GRC
DG SUPER ECO	MARICHEM MARIGASES WORLDWIDE SERVICES	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
DG12 TANK WASH	Sepcotech A/S	DNK
DG12-T	Sepcotech A/S	DNK
DREW ABD	Drew Marine	USA
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 RSR	Eazychem Ltd.	GBR
Eazy Tankwash	Eazychem Ltd.	GBR
EC-Alkaclean HD/PC Cleaner	EFLOCHEM Chemicals Blending LLC	NLD
EC-Alkaclean Safety	EFLOCHEM Chemicals Blending LLC	NLD
EC-Bufferclean 5.5	EFLOCHEM Chemicals Blending LLC	NLD
EC-Clean Break	EFLOCHEM Chemicals Blending LLC	NLD
EC-Coal Tar Cleaner	EFLOCHEM Chemicals Blending LLC	NLD
EC-Coldwash HD	EFLOCHEM Chemicals Blending LLC	NLD
EC-Ecoclean	EFLOCHEM Chemicals Blending LLC	NLD
EC-Genepol	EFLOCHEM Chemicals Blending LLC	NLD
ECO ADVANCE	K Marine Chemical Co., Ltd.	KOR
ECO MARINE	CHEM MARINE	CHL
ECOBBLUE ALKALINE WATER BASED SUPER DEGREASER F	Manchem (Pty) Limited	ZAF
ECOBBLUE ALKALINE WATER BASED SUPER DEGREASER LF	Manchem (Pty) Limited	ZAF
ECOBBLUE NEUTRAL WATER BASED SUPER DEGREASER F	Manchem (Pty) Limited	ZAF
ECOBBLUE NEUTRAL WATER BASED SUPER DEGREASER LF	Manchem (Pty) Limited	ZAF
Ecoclean	Unimarine International BV	NLD
Ecoclean	Vecom Marine B.V.	NLD
Ecoclean	UNI Americas LLC	USA
ECOCLEAN	UNIservice UNISAFE S.r.l.	ITA

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ECOCLEAN	Blutec srl.	ITA
ECOSOLUT 14	OTI-Greentech AG	NLD
ECOSOLUT 24	OTI Greentech AG	CHE
ECOSOLUT 50	OTI-Greentech AG	DEU
ECOsolut CC	UNIservice UNISAFE S.r.l.	ITA
EC-Resin Remover	EFLOCHEM Chemicals Blending LLC	NLD
EC-Rust Remover	EFLOCHEM Chemicals Blending LLC	NLD
EC-Seaclean	EFLOCHEM Chemicals Blending LLC	NLD
EC-Uniclean GP	EFLOCHEM Chemicals Blending LLC	NLD
EC-Uniclean HCF Eco	EFLOCHEM Chemicals Blending LLC	NLD
EC-Uniclean Steam Cleaner	EFLOCHEM Chemicals Blending LLC	NLD
EC-Uniclean Tank/Separating	EFLOCHEM Chemicals Blending LLC	NLD
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
Enviropower HD	CHEMO	GRC
ER-AC	Ertek Chemicals	TUR
ER-AC PLUS	Ertek Chemicals	TUR
ERACID -ORG	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ER-APC	Ertek Chemicals	TUR
ER-APC AQUA	Ertek Chemicals	TUR
ER-APC EXTRA 200	Ertek Chemicals	TUR
ER-APC EXTRA 50	Ertek Chemicals	TUR
ERCLEAN BRITE	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR

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ERCLEAN BUFFER	Ertek Chemicals	TUR
ERCLEAN CTC	Ertek Chemicals	TUR
ERCLEAN ENER-G	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ERCLEAN IGS	Ertek Chemicals	TUR
ER-CLEAN SAFETY	Ertek Chemicals	TUR
ERCLEAN TANK-ENV	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	
ERCLEAN-ALCA	ERTEK CHEMICALS	TUR
ERCLEAN-HCF	Ertek Chemicals	TUR
ERCLEAN-HCF CONCENTRATE	ERTEK CHEMICALS	TUR
ERCLEAN-HCOH	ERTEK CHEMICALS	TUR
ERCLEAN-SYNER-G	ERTEK CHEMICALS	TUR
ER-HDC	Ertek Chemicals	TUR
ER-OGR	Ertek Chemicals	TUR
ER-TEEPOL	Ertek Chemicals	TUR
ERTEK CAUSTIC SODA	ERTEK CHEMICALS	TUR
ERTEK NITRIC ACID	ERTEK CHEMICALS	TUR
ERTEK POTASSIUM HYDROXIDE	ERTEK CHEMICALS	TUR
ERTEK SODIUM CARBONATE	ERTEK CHEMICALS	TUR
EUROCLEAN	EUROCHEM SA	GRC
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 CLEAN	ALPHA CHEMICAL PRODUCTS	GRC
Fresh Force Kleen	CHEMO	GRC
GCS SUPER	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
Genepol	Unimarine International BV	NLD
Genepol	UNI Americas LLC	USA
Genepol	Blutec srl	ITA
GENEPOL	UNIservice UNISAFE S.r.l.	ITA
General Cleaning & Solvent	MARICHEM MARIGASES Worldwide	GRC
GP Degreaser	Vecom Marine B.V.	NLD
GP Enviro	Vecom Marine B.V.	NLD
Grato 1 Marine	Henkel Belgium N.V.	BEL
Grato 14 marine	Henkel Belgium N.V.	BEL
Grato 14 marine (US)	Henkel Belgium N.V.	BEL
GRATO 3000 MARINE	Henkel Belgium N.V.	BEL
Grato 50 marine	Henkel Belgium N.V.	BEL
Grato 50 marine (US)	Henkel Belgium N.V.	BEL
Grato 50 SC Marine	Henkel Belgium N.V.	BEL
Green Care HC	Marine Care cleaning additives	NLD

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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
GZ-01 SEA NEUTRAL HCF	GZ CHEMICAL INC	CHL
GZ-02 ECO SEA	GZ CHEMICAL INC	CHL
GZ-03 SEA TUFF	GZ CHEMICAL INC	CHL
GZ-04 ALKA SEA	GZ CHEMICAL INC	CHL
GZ-05 SEA ALKA SAFETY	GZ CHEMICAL INC	CHL
GZ-10 SEA BREAK CLEANER	GZ CHEMICAL INC	CHL
GZ-12 SEA DISPERSANT	GZ CHEMICAL INC	CHL
HAIZEN S-100	KAO CORP.	JPN
HAIZEN T-200	KAO Professional Services CO., Ltd.	JPN
HAIZEN T-300	KAO Professional Services CO., Ltd.	JPN
HAIZEN T-310	KAO Professional Services CO., Ltd	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
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
HOLDCLEAN	ALPHA CHEMICAL PRODUCTS	GRC
HOLDCLEAN XF	ALPHA CHEMICAL PRODUCTS	GRC
Hydrocarbon Remover	UNI Americas LLC	USA
HYDROCARBON X	ALPHA MARINE SOLUTIONS	USA
IGS CLEANER	CHEMO	GRC
IGS MARI-CLEANER	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
Ion and Alkali Cleaning Agent of Jpal	Jpec Co. Ltd	JPN
Ipochlor-Inhibitor Killer	Star Marine Chemicals BV	NLD
K CLEAN AC	K Marine Chemical Co., Ltd.	KOR
K-AC+ Plus	K Marine Chemical Co., Ltd.	KOR
K-AQUA CLEAN	K Marine Chemical Co., Ltd.	KOR
K-Cargo Clean	K Marine Chemical Co., Ltd.	KOR
KdB Teepol	Marine Care	NLD
KdB Totaal Ontvetter	Marine Care	NLD
K-Descaling	K Marine Chemical Co., Ltd.	KOR
K-Heat Clean	K Marine Chemical Co.,Ltd.	KOR
K-High Clean	K Marine Chemical Co., Ltd.	KOR
KING OF SHELL	Ideo Co., Ltd.	JPN
KING OF SHELL FOAM	Ideo Co., Ltd.	JPN
K-Metal Clean	K Marine Chemical Co., Ltd.	KOR
K-Rust Remover	K Marine Chemical Co., Ltd.	KOR
K-Sol clean	K Marine Chemical Co.,Ltd.	KOR
KT-AIRFRESH	CHEMTEC Chemicals GmbH	DEU



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KT-Alka	CHEMTEC Chemicals GmbH	DEU
KT-AlkaPlus	CHEMTEC Chemicals GmbH	DEU
KT-AlkaPure	CHEMTEC Chemicals GmbH	DEU
KT-AlkaSafe	CHEMTEC Chemicals GmbH	DEU
KT-Citric	CHEMTEC Chemicals GmbH	DEU
KT-Degreaser	CHEMTEC Chemicals GmbH	DEU
KT-EcoSoft	CHEMTEC Chemicals GmbH	DEU
KT-HCF	CHEMTEC Chemicals GmbH	DEU
KT-Metal	CHEMTEC Chemicals GmbH	DEU
KT-MetalBright	CHEMTEC Chemicals GmbH	DEU
KT-MSA	CHEMTEC Chemicals GmbH	DEU
KT-Neutral BG	CHEMTEC Chemicals GmbH	DEU
KT-PLUS	CHEMTEC Chemicals GmbH	DEU
KT-Plus BG	CHEMTEC Chemicals GmbH	DEU
KT-Pure	CHEMTEC Chemicals GmbH	DEU
KT-Safety Degreaser	CTC CHEMTEC Chemicals GmbH	DEU
KT-SeaClean	CHEMTEC Chemicals GmbH	DEU
KT-SMR	CHEMTEC Chemicals GmbH	DEU
KT-Soft	CHEMTEC Chemicals GmbH	DEU
KT-Solve	CHEMTEC Chemicals GmbH	DEU
KT-Teepol	CHEMTEC Chemicals GmbH	DEU
LAC	Drew Marine	USA
Latex Remover	Vecom Marine B.V.	NLD
Lighthouse Alkaline Plus	Lighthouse Maritime Services LLC	BEL
Lighthouse Citric	Lighthouse Maritime Services LLC	BEL
Lighthouse CS Bright	Lighthouse Maritime Services LLC	BEL
Lighthouse LTC Cleaner	Lighthouse Maritime Services LLC	BEL
Lighthouse MS-50	Lighthouse Maritime Services LLC	BEL
Lighthouse Powerwash	Lighthouse Maritime Services LLC	BEL
Lilleborg msgBooster	Lilleborg	NOR
Lilleborg msgBooster HCF	Lilleborg	NOR
Lilleborg msgBrightner	Lilleborg	NOR
Lilleborg msgCleaner	Lilleborg	NOR
Lilleborg Tank Cleaner	Lilleborg	NOR
Lilleborg TankBrightner	Lilleborg	NOR
Lilleborg TankDegreaser	Lilleborg	NOR
Lime Cleaner	MARICHEM MARIGASES Worldwide	GRC
LIME OUT	CHEMO SA	GRC
Liquid 35 NF	TriStar Industries BV	NLD
Liquid soap	Star Marine	NLD
LIQUID SOAP	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
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

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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 DA Special	TECO Chemicals AS	NOR
Marclean ECO	TECO Maritime Far East Pte Ltd	SGP
Marclean GREEN	TECO Maritime Far East Pte Ltd	SGP
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
MarClean SSP	TECO Maritime Far East Pte Ltd	SGP
MarClean XP	A Clean Partner International AB	SWE
MARICHEM CR - LT	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
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
MARINE CARE (HD)	INFINITY ENTERPRISES, INC.	JPN
MARINE CARE (SB)	INFINITY ENTERPRISES, INC.	JPN
MARINE CARE (SC)	INFINITY ENTERPRISES, INC.	JPN
MARINE CLEAN (HD)	INFINITY ENTERPRISES, INC.	JPN
MARINE CLEAN (SB)	INFINITY ENTERPRISES, INC.	JPN
MARINE CLEAN (SC)	INFINITY ENTERPRISES, INC.	JPN
MARINE SAFE (HD)	INFINITY ENTERPRISES, INC.	JPN
MARINE SAFE (SB)	INFINITY ENTERPRISES, INC.	JPN
MARINE SAFE (SC)	INFINITY ENTERPRISES, INC.	JPN
MARISOL	UNIservice UNISAFE S.r.l.	ITA
MARISOL GD	A Clean Partner	SWE
MARISOL HD	A Clean Partner	SWE
MARISOL LC	A Clean Partner	SWE
MARISOL NC	A Clean Partner	SWE
MARISOL RW	A Clean Partner	SWE
MARISOL TC	A Clean Partner	SWE
MARISOL VT - PLUS	A Clean Partner	SWE
Masava Tank Cleaner	Masava Kemi ApS	DNK
Masava Tank Cleaner Solid	Masava Kemi ApS	DNK
Metal Brite HD	Wilhelmsen Chemicals AS	NOR
Metal Deruster	StarMarine Chemical BV	NLD

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MITE	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Multi Cleaner	Vecom Marine B.V.	NLD
Multicleaner	StarMarine Chemical BV	NLD
MULTICLEANER	Ertek Chemicals	TUR
NA marine	Henkel Belgium N.V.	BEL
Natural	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Natural HCF	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
NAVACLEAN 801 - ALKATUFF	NAVADAN APS	DNK
NAVACLEAN 802 - ALKATUFF SOFT	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 865 - CC BOOSTER	Navadan ApS	DNK
NAVACLEAN 873 - RUST & STAIN REMOVER	NAVADAN APS	DNK
NAVACLEAN 874 - RS BASIC	Navadan ApS	DNK
NAVACLEAN 888 - SEACLEAN	NAVADAN APS	DNK
NAVACLEAN 897 - IGS CLEANER	NAVADAN APS	DNK
NAVACLEAN 897 (CON) - IGS CLEANER	NAVADAN APS	DNK
Navaclean Stench Remover	Navadan APS	DNK
NAVACLOR 812	NAVADAN APS	DNK
Navadan CleanTank	NAVADAN A/S	DNK
Navadan EasyTank	NAVADAN A/S	DNK
Navadan GentleTank	NAVADAN A/S	DNK
Navadan ReadyTank	NAVADAN A/S	DNK
Navadan ShineCargo	NAVADAN A/S	DNK
NEUTRAL CLEANER	MARICHEM MARIGASES Worldwide	GRC
Neutral HCF	Star marine Chemicals B.V.	NLD
NEUTRAL HCF CLEANER	CHEMO SA	GRC
NEUTRAL MARINE HCF	CHEM MARINE	CHL
NEUTRAL POWER TC	ALPHA CHEMICAL PRODUCTS	GRC
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

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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 Marine B.V.	NLD
OTM-AL CLEANER	ONE-TOP MARINE Co. Ltd.	KOR
OTM-AL CLEANER PLUS	ONE-TOP MARINE Co. Ltd.	KOR
OTM-HCR CLEANER	ONE-TOP MARINE Co. Ltd.	KOR
OTM-MSC CLEANER	ONE-TOP MARINE Co. Ltd.	KOR
OTM-NEUTRAL CLEANER	ONE-TOP MARINE Co. Ltd.	KOR
OTM-NLS CLEANER	ONE-TOP MARINE Co. Ltd.	KOR
P3 - GRATOSOL	CP METAL CHEMICALS	NLD
P3 grato 14BNL	Henkel Belgium N.V.	BEL
POWER TANKLEEN L	ALPHA CHEMICAL PRODUCTS	
POWER-KLEEN	ALPHA CHEMICAL PRODUCTS	GRC
PRE-WASH	EUROCHEM SA	GRC
Product Formula 3	Drew Marine	USA
Product Formula 4	Drew Marine	USA
Product Formula 5	Drew Marine	USA
Quick Split Cleaner	Vecom Marine B.V.	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 Twiinstarr	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 Marine B.V.	NLD
ROX@CARE AC80SL ALKALI TANK & PIPE CLEANER	CALLINGTON HAVEN PTY LTD	AUS
ROX@CARE MC2600 TANK CLEANER	CALLINGTON HAVEN PTY LTD	AUS
RUST CLEAN	Blutec srl.	ITA
Rust Off	UNI Americas LLC	USA
Rust Remover	Vecom Marine B.V.	NLD
RUST REMOVER	Ertek Chemicals	TUR
SAFETY ALKALINE	ALPHA MARINE SOLUTIONS	USA
SAFETY DEGREASER	ALPHA MARINE SOLUTIONS	USA
SC-1000	Infinity Enterprises, Inc	JPN
Sea Clean Plus	Wilhelmsen Chemicals AS	NOR
SEA CLEANER WCI	World Clean International	PAN
Seaclean	Unimarine International BV	NLD
Seaclean	UNI Americas LLC	USA
SEACLEAN	UNIservice UNISAFE S.r.l	ITA
SEACLEAN T	Blutec srl.	ITA
Seaclean Voyage	Vecom Marine B.V.	NLD
SHIP 101 SEACLEAN	Shipdan Aps	DNK

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SHIP 102 ALKALINE PHS	Shipdan Aps	DNK
SHIP 103 ALKALINE	Shipdan Aps	DNK
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
SMART KLEEN	Chemax and Phypers Company Limited	THA
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
SPILL DISPERSANT MARINE	CHEM MARINE	CHL
Starmarine Caus	Star Marine Chemicals BV	NLD
StarMarine Concentrate	Star Marine Chemicals BV	NLD
Starmarine G-EB	Star Marine Chemicals BV	NLD
Starmarine One	Star Marine Chemicals BV	NLD
StarMarine Special	Star Marine Chemicals BV	NLD
Steam Cleaner 155	WVT Industries N. V.	BEL
Steamclean Extra	Vecom Marine B.V.	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
SW Wash AN	ADEKA CLEAN AID CORPORATION	JPN
SW Wash AS	ADEKA CLEAN AID CORPORATION	JPN
SW Wash NN	ADEKA CLEAN AID CORPORATION	JPN
T 1166 marine	Henkel Belgium N.V.	BEL
T 1166 marine (US)	Henkel Belgium N.V.	BEL
T 1166 SC Marine	Henkel Belgium N.V.	BEL
T 2060 Marine	Henkel Belgium N.V.	BEL
Tank & Bilge Cleaner	CHEMO	GRC
Tank Bright	Chemax and Phypers Company Limited	THA
Tank Clean Alkaline	Vecom Marine B.V.	NLD
Tank Clean Alkaline Extra	Vecom Marine B.V.	NLD
Tank Clean Buffer	Vecom Marine B.V.	NLD

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TANK CLEAN MARINE	CHEM MARINE	CHL
TANK CLEANER	Ertek Chemicals	TUR
Tank Cleaner A	Marichem Marigases Worldwide Services	GRC
TANK CLEANER EXTRA	Ertek Chemicals	TUR
TANK CLEANER S	MARICHEM MARIGASES Worldwide	GRC
Tank Cleaning Cat	WVT Industries N. V.	BEL
Tank Green	Chemax and Phypers Company Limited	THA
Tank Shine	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
TANK SHINE CLEANER	MARICHEM MARIGASES WORLDWIDE SERVICES	GRC
Tank Super Cleaner	CHEMO	GRC
TANK TREAT ALK	MAT MARITIME	TUR
TANK TREAT SAFE ALK	MAT MARITIME	TUR
TANK WASH	EUROCHEM SA	GRC
TANK WASH-S	EUROCHEM SA	GRC
Tankclean HCF Eco	Vecom Marine B.V.	NLD
Tankclean HD Split	Vecom Marine B.V.	NLD
Tankclean Neutral	Vecom Marine B.V.	NLD
TankCleaner	Star Marine Chemicals BV	NLD
TANKCLEANER 9M	UNI Americas LLC	USA
TANKCLEANER P75	UNI Americas LLC	USA
Tankleen Advance	Wilhelmsen Chemicals AS	NOR
Tankleen Bright	Wilhelmsen Chemicals AS	NOR
TANKLEEN BRIGHT	ALPHA CHEMICAL PRODUCTS	
TANKLEEN IGS	ALPHA CHEMICAL PRODUCTS	GRC
TANKLEEN SWIFT	Wilhelmsen Chemicals AS	NOR
TANKLEEN TAR	Wilhelmsen 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-ACID	G&E Bridge Ltd	KOR
TC-ALK	CEMKIMSAN KIMYA SAN.TIC.LTD.STI	TUR
TC-BC	G&E Bridge Ltd	KOR
TC-ENVIRO	G&E Bridge Ltd	KOR
TC-HD	G&E Bridge Ltd	KOR
TC-NEUTRAL	G&E Bridge Ltd	KOR
TC-PCT	G&E Bridge Ltd	KOR
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

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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
TC-WRC	G&E Bridge Ltd	KOR
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
TEEPOL MARINE	CHEM MARINE	CHL
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
TS-200	SETTSU OIL MILL, INC.	JPN
TS-300	SETTSU OIL MILL, INC.	JPN
TS-310	SETTSU OIL MILL, INC.	JPN
UE-ALKALINE	UNIVERSAL ECO CHEMICAL	KOR
UE-ALKLEEN	UNIVERSAL ECO CHEMICAL	KOR
UE-HCF	UNIVERSAL ECO CHEMICAL	KOR
UE-NEUTRAL	UNIVERSAL ECO CHEMICAL	KOR
UE-RSR	UNIVERSAL ECO CHEMICAL	KOR
UE-RUSTCARE	UNIVERSAL ECO CHEMICAL	KOR
UE-S	UNIVERSAL ECO CHEMICAL	KOR
UE-S1	UNIVERSAL ECO CHEMICAL	KOR
UE-SOL	UNIVERSAL ECO CHEMICAL	KOR
ULTRA CLEAN	ALPHA MARINE SOLUTIONS	USA
Uni Green	Chemax and Phypers Company Limited	THA
UNI PARACLEAN	UNI Americas LLC	USA
Uniclean Break	Unimarine International BV	NLD
UNICLEAN DRASTIC	UNIservice UNISAFE S.r.l.	ITA
Uniclean Eco	Unimarine International BV – Eflochem	NLD
UNICLEAN GP	UNIservice UNISAFE S.r.l.	ITA
Uniclean GP Extra	Unimarine International BV	NLD
Uniclean HCF Eco	Unimarine International BV	NLD
Uniclean HD	UNI Americas LLC	USA
Uniclean IG	UNI Americas LLC	USA
Uniclean Resin Remover	Unimarine International BV	NLD
Uniclean Rust Remover	Unimarine International BV	NLD
Uniclean Steam Cleaner	Unimarine International BV	NLD
Uniclean Tank / Separating	Unimarine International BV	NLD
Unipol	Wilhelmsen Chemicals AS	NOR
UNITEDCHEM-ALC	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-ALC/PLUS	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-AQUA	TIRIO KIMYA SAN.TIC.LTD.STI	TUR

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UNITEDCHEM-CONCENTRATE	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-CTR	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-HCF	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-MPD	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-RUST	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-SAFE	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-SAFE/PLUS	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-TANK	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
UNITEDCHEM-TANK/PLUS	TIRIO KIMYA SAN.TIC.LTD.STI	TUR
Veclean Blue	Vecom Marine B.V.	NLD
Veclean Eco Acid	Vecom Marine B.V.	NLD
WAX FREE	Chemax and Phypers Company Limited	THA
WB Neutral HCF	UNI Americas LLC	USA
Zinc Coat Conditioner	Wilhelmsen Chemicals AS	NOR



## ANNEX 11

### **Biofuels recognized under the 2019 Guidelines for the carriage of blends of biofuels and MARPOL Annex I cargoes**

The following have been agreed as recognized bio-fuels in accordance with the *2019 Guidelines for the carriage of blends of biofuels and MARPOL Annex I cargoes* (MSC-MEPC.2/Circ.17):

- .1 tert-Amyl ethyl ether\*
- .2 Ethyl alcohol
- .3 Fatty acid methyl esters (FAME)<sup>†</sup> (m)
- .4 Vegetable fatty acid distillates (m)

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\* With regard to the shipment of blends of petroleum oil and tert-Amyl ethyl ether under MARPOL Annex II controls, it is necessary to initiate or refer to tripartite agreements for such blends indicating the carriage requirements as appropriate.

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



## ANNEX 12

### ENERGY-RICH FUELS SUBJECT TO ANNEX I OF MARPOL

The following have been agreed as recognized energy-rich fuels in accordance with the *Guidelines for the carriage of energy-rich fuels and their blends* (MEPC.1/Circ.879):

- .1 Alkanes (C4-C12) linear, branched and cyclic (containing benzene up to 1%)
  - .2 Alkanes (C5-C7), linear and branched
  - .3 Alkanes (C9-C24) linear, branched and cyclic with a flashpoint  $\leq 60^{\circ}\text{C}$
  - .4 Alkanes (C9-C24) linear, branched and cyclic with a flashpoint  $> 60^{\circ}\text{C}$
  - .5 Alkanes (C10-C17), linear and branched
  - .6 Alkanes (C10-C26), linear and branched with a flashpoint  $\leq 60^{\circ}\text{C}$
  - .7 Alkanes (C10-C26), linear and branched with a flashpoint  $> 60^{\circ}\text{C}$
-