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MEPC.2/Circ.31*
1 December 2025

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

* *Reissued on 2/12/2025: carriage requirements for "Organic fish sludge treated (containing 5% or less calcium nitrate and 20% or less dry organic material) (p)" in annex 1 updated.*

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.30/Rev.1):

- .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.30/Rev.1.

3.3 Any amendments made to the product lists (annexes 1 to 5) since the issue of MEPC.2/Circ.30 are identified by shading of the field in which a change has been made..

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

- .1 changes have been made to the product names (trade-named products);
- .2 withdrawal of products that are no longer manufactured or shipped (trade-named products);
- .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;
- .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; or
- .7 products in lists 2 and 3 that were subject to the review called for by PPR.1/Circ.10 and which were not reassessed prior to 31 December 2025.

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/Rev.1 or 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 ₂₀):	

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.

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

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
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
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
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
Algal oil	NLD	BEL, CYM, CYP, FRO, GIB, ISL, MLT, NOR, PRT, GBR	02/09/25	31/12/28	Y	S/P	2(k)	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7, 16.2.9
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
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
Benzyltoluene		All countries		None	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	ABC	No	15.12, 15.17, 15.19.6
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
Bio-fuel blends of HFO/IFO residue oil and FAME (>25% but <99% by volume)	GBR	IMN	19/02/25	31/12/28	X	S/P	2	2G	Cont	No			Yes	C	T	ABC	No	15.12, 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 (m)		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
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
Coconut oil fatty acid methyl ester (amended)		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.7
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
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

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

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
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
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 acid methyl esters (m) (amended)		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
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
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, 16.2.6
Offshore contaminated bulk liquid Treated (containing less than 0.8% of an H ₂ S 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
Organic fish sludge treated (containing 5% or less calcium nitrate and 20% or less dry organic material) (p)	NOR	DNK, FRO, ISL, SWE	03/05/25	31/12/28	Y	S/P	3	2G	Cont	No	-	-	Yes	C	FT	ABC	No	15.15, 15.19.6
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
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, empty fruit bunch, fatty acid distillate	FIN	BMU, CYM, GIB, HKG, IDN, LBR, MYS, MLT, MHL, NLD, NOR, PAN, PHL, KOR, SGP, SWE, GBR	03/02/25	31/12/28	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 fatty acid methyl ester (amended)		All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.7, 16.2.9

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

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

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I'	I''	I'''	J	K	L	N	O
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[ethylenenitribis(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
Polyacrylic acid solution (48% or less)		All countries		None	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	16.2.9
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
Potassium hydroxide solution (*) (amended)		All countries		None	Y	S/P	3	2G	Open	No			NF	C	No	No	Yes	15.12.3.2, 15.19
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
Rape seed oil fatty acid methyl esters (amended)		All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.7
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
Sodium hydroxide solution (*) (amended)		All countries		None	Y	S/P	3	2G	Open	No			NF	C	No	No	Yes	15.19, 16.2.6, 16.2.9
Sorbitol, propoxylated		All countries		None	Z	P	3	2G	Open	No	-	-	Yes	O	No	AC	No	
Soybean oil fatty acid methyl ester (amended)		All countries		None	Y	P	2	2G	Open	No			Yes	O	No	ABC	No	15.19.6, 16.2.7, 16.2.9
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	31/12/26	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.

p Operational measures shall ensure that the risk of developing toxic and/or explosive gases is minimized during loading, transport, unloading and cleaning, including measures to prevent sedimentation of the cargo in the tanks, such as continuous circulation, and measures to be taken if unforeseen release of gas occurs. In addition to special requirement 15.15, lower explosive limit (LEL) detection equipment shall be provided on board ships carrying this cargo that is prone to the formation of toxic and/or explosive gas caused by bacterial activity.

TRIPARTITE AGREEMENTS

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

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Tradename	n.o.s.	Contains	Rep	Receive Date	Expiry Date	Cat	ST	Remark	Company
CORR10003A	11	Sodium nitrite solution	GBR	18/10/24	None	Z	NA		ChampionX
Ethylol 78	8	Ethyl alcohol	ZAF	14/11/25	None	Y	3		Sasol
Ethylol 95	8	Ethyl alcohol	ZAF	14/11/25	None	Y	3		Sasol
Iso-Propylol	8	Isopropyl alcohol	ZAF	14/11/25	None	Y	3		Sasol
SCAL12154A	9	Dialkyl amino phosphonate solution (45 - 55%)	USA	14/11/25	None	Z	3		ChampionX
SCAL16080A	9	Polyphosphoric acids, esters with triethanolamine, sodium salts solution	GBR	15/10/21	None	Z	3		ChampionX
SCAL26660A	7	Diethylenetriamine pentamethylene phosphonate, sodium salt solution	GBR	18/10/24	None	Y	3		ChampionX

TRIPARTITE AGREEMENTS

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

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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
128.74	Calcium long chain alkyl phenate sulphide (C8-C40); Dodecyl phenol; and mineral oil	USA	BMU, BRA, CYM, CHN, EGY, FRA, DEU, HKG, IND, JPN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SAU, SGP, ZAF, ARE, GBR	28/05/25	31/12/28	X	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19, 16.2.6, 16.2.9	Lubrizol
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	Halliburton 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
Alcoa CARP	Sodium aluminate (solution)	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	NF	C	T	No	Yes	15.12, 15.17, 15.19	Alcoa
Alcofreeze Base	Ethyl alcohol	USA	All countries		None	Y	P	3	2G	Cont	No	T2	IIB	No	R	F	AC	No	15.19.6	Alcotra
AlgaPrime™ DHA LS	Dried algae biomass	BRA	AUS, BEL, CAN, CHL, CYP, DNK, ECU, FRA, DEU, IND, MLT, 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
AP 13168	Dodecyl phenol; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
AP 13275	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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
ASPH11928SP	Toluene; and 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
ASPH17541SP	Amine substituted resin, toluene	USA	GUY	20/12/24	31/12/27	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	No	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 2000 HP	Potassium hydroxide solution	GBR	NOR	08/08/25	31/12/28	Y	S/P	3	2G	Cont	No	-	-	NF	C	No	No	Yes	15.17, 15.19	Schlumberger Oilfield UK Limited
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 Norge AS
BIOTREAT 13983	Glutaraldehyde solutions (50% or less); and Didecyltrimethylammonium chloride	NOR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.9	Clariant Oil Services Scandinavia AS
BIOTREAT 18297	Tetrakis(hydroxymethyl)phosphonium sulphate	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
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
CAS 29/75	Alkylbenzenes mixtures (containing naphthalene); and 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

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

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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
CM-9824	Sodium hydroxide solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	R	No	AC	No	15.19.6	Schlumberger Norge AS
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
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
CORR00193SP	Tall oil acids/linoleic acid dimer/ polyalkylenepolyamines/ dodecylbenzenesulphonic acid complexes in naphtha/isopropanol; Methanol; and oil	USA	GUY	04/04/25	31/12/28	X	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	ChampionX
CORR01036F2	2-Mercaptoethanol; and 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; and 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; and 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; and Alkylbenzenes mixtures (containing naphthalene)	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
CORR11876SE	Methanol, pyridinium, 1-(phenylmethyl)-, ethyl methyl derivatives, chlorides; and oil	USA	GUY	12/06/25	31/12/28	X	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	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; and Alkylbenzenes mixtures (containing naphthalene)	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
CORR26171SP	Ethylene glycol monoalkyl ethers; and N-Alkyl(C12-C16)-N,N,N-trimethylammonium chloride	GBR	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12.3, 15.12.4, 15.19	ChampionX
CORRTREAT 19130	Ethylene glycol monoalkyl ethers; and 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, PRT	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
CRW85719	2-Mercaptoethanol; and Ethoxylated imidazolines	GBR	NOR	18/08/25	31/12/28	Y	S/P	2	2G	Cont	No	-	-	Yes	O	No	AC	No	15.19.6	Baker Hughes
CS 1500E	Polyalkene sulphonic acid (C20-C28), sodium salt solution	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.7, 16.2.9	Chevron Oronite
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 Norge AS
Eastman VersaMax(TM) Plasticizer	Bis(2-ethylhexyl) terephthalate; and 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

TRIPARTITE AGREEMENTS

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

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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
Eco-DEHCH	Bis(2-ethylhexyl)cyclohexane-1,4-dicarboxylate; and Bis(2-ethylhexyl) terephthalate	KOR	CYM, DNK, HKG, LBR, MHL, PAN, PRT, SGP, USA	12/02/25	31/12/28	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	Hanwha Solutions Co, Ltd.
EMBR03288A	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, methyloxirane and oxirane (60% in naphtha); Alkylbenzenes mixtures (containing naphthalene); and oil	USA	GUY	16/05/25	31/12/28	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6, 16.2.6	ChampionX
EMBR12491A	Alkyl (C9+) benzenes; and Polyacrylate alkylphenol oxylate resin in naphtha (30-50%)	USA	All countries		None	X	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	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	Aziridine polymer with methyloxirane (78% in diethylene glycol monoethyl ether); and Octanol (all isomers)	GBR	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, 16.2.7	ChampionX
Enviro-Syn HCR-3000NEAT	Methanesulphonic acid	NOR	GBR	29/07/25	31/12/28	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.19.6	Fluid Energy Ltd.
EPG Basic	Potassium Oleate; and 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
EURODENATURANT	Methyl ethyl ketone	NLD	BEL, CYM, CHN, FRA, DEU, GRC, HKG, IMN, ITA, LVA, LBR, MLT, MHL, NOR, PAN, PHL, PRT, SGP, ESP, SWE, TUR, GBR, USA	27/03/24	31/12/27	Z	S/P	NA	2G	Cont	No	T2	IIB	No	R	F	AC	No	15.19.6	Alcotra
Exxal 10 Alcohols	Nonyl alcohol (all isomers); and 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; and Alcohols (C13+)	NLD	All countries		None	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6	ExxonMobil
Exxal 8 Alcohols	Octanol (all isomers); and 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); and 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
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 FH35/12	Formaldehyde solutions (45% or less); and 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 FH35/5,5	Formaldehyde solutions (45% or less); and 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
GA2814	Calcium alkaryl sulphonate (C11-C50); Dodecyl phenol; and mineral oil	USA	CHN, FRA, DEU, HKG, MHL, NGA, NOR, PAN, KOR, SGP, ARE, GBR	10/09/25	31/12/28	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	No	15.12, 15.17, 15.19.6, 16.2.6, 16.2.7	Lubrizol
GA2964	Calcium alkaryl sulphonate (C11-C50); Dodecyl phenol; and mineral oil	USA	CHN, FRA, DEU, HKG, MHL, NGA, NOR, PAN, KOR, SGP, ARE, GBR	10/09/25	31/12/28	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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GA3064	Calcium alkaryl sulphonate (C11-C50); Dodecyl phenol; and mineral oil	USA	CHN, FRA, DEU, HKG, MHL, NGA, NOR, PAN, KOR, SGP, ARE, GBR	10/09/25	31/12/28	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
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 Norge AS
GT-71520	Diethanolamine	NOR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Norge AS
GT-73541	Ethylene glycol	NOR	FRO, GBR	18/04/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Norge AS
GT-7538	Diethanolamine	NOR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Norge AS
GT-7599	Diethanolamine	NOR	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Schlumberger Norge AS
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 Norge AS
H.B.M. (Volatile Oil)	Dicyclopentadiene, Resin Grade, 81-89%; and 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
HS 93	Amyl acetate (all isomers); and Butyl acetate (all isomers)	CHN	All countries		None	Y	P	3	2G	Cont	No	T2	IIA	No	R	F	AC	No	15.19.6	Zhuhai Handsome New Material Co., Ltd.
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	GBR	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	ChampionX
IP Extraction Feed	Isoprene; and 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
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

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KI-3130	Tall-oil fatty acids reaction products with diethylenetriamine; and 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 Norge AS
KI-3134	Didecylmethylammonium chloride; and 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 Norge AS
Kogasol 56	Hexane (all isomers); and Heptane (all isomers)	ZAF	All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19.6	Sasol
Leach water – sigevann	Formaldehyde solutions (45% or less); and 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
LINEVOL 911	Nonyl alcohol (all isomers); and 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 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	All countries		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol 106.14Z	Calcium alkaryl sulphonate (C11-C50); and mineral oil	USA	All countries		None	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 16005	Dodecyl phenol; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6 , 16.2.6	Lubrizol
Lubrizol 16008	Dodecyl phenol; Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol 16010J	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol 16011L	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
Lubrizol 4800R	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	ABC	No	15.12, 15.17, 15.19.6, 16.2.6	Lubrizol
Lubrizol 4980A	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6, 16.2.7	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 9297	Dodecyl phenol; Calcium alkaryl sulphonate (C11-C50); 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 9915A	Dodecyl phenol; Calcium alkaryl sulphonate (C11-C50); 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 9990A	Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14); and mineral oil	USA	All countries		None	Y	P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Lubrizol
Lubrizol CV1103	Dodecyl phenol; Polyolefin amide alkeneamine (C17+), 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 CV2301	Dodecyl phenol; Polyolefin amide alkeneamine (C17+), 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

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Lubrizol CV2307	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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 CV7530	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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 CV7540	Dodecyl phenol; Calcium alkaryl sulphate (C11-C50); 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 FC8051X	Dodecyl phenol; 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 FC9052X	Dodecyl phenol; 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 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 MD9C08Y	Dodecyl phenol; Calcium alkaryl sulphate (C11-C50); 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 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 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 PV1127	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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 PV1127K	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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 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
Lubrizol PV7053	Dodecyl phenol; Polyolefin amide alkeneamine (C17+); 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
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 Norge AS
MD9C06	Calcium alkaryl sulphate (C11-C50); Dodecyl phenol; and Mineral oil	USA	CHN, FRA, DEU, HKG, MHL, NGA, NOR, PAN, KOR, SGP, ARE, GBR	10/09/25	31/12/28	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6, 16.2.6, 16.2.7	Lubrizol
MD9C09	Calcium alkaryl sulphate (C11-C50); Dodecyl phenol; and Mineral oil	USA	CHN, FRA, DEU, HKG, MHL, NGA, NOR, PAN, KOR, SGP, ARE, GBR	10/09/25	31/12/28	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	AC	No	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); 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.
NAPH23002A	Acetic acid; and 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

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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 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
Neodol 23	Dodecyl alcohol; and 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; and 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
Neoflo 3-14	Dodecane; and 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 AlcoBioFuel	Methyl alcohol; and Ethyl alcohol	NLD	All countries		None	Y	S/P	3	2G	Cont	No	T2	IIB	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	OCI Fuels BV
OCI Blend 1:2	Ethyl alcohol; and 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 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 219M	Calcium long-chain alkyl phenate sulphide (C8-C40); 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	Chevron Oronite
OLOA 219U	Calcium long-chain alkyl phenate sulphide (C8-C40); 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	Chevron Oronite
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 275JR	Calcium long-chain alkyl (C18-C28) salicylate; Calcium alkyl (C10-C28) salicylate; and mineral oil	USA	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
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 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
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

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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		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 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 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.
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); and 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
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
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
ProGuard MAG™ Concentrate	Calcium chloride solution; and Magnesium chloride	JOR	CAN, CYP, DNK, GRC, HKG, ITA, LBR, MLT, MHL, MMR, NZL, NOR, PAN, VCT, SGP, SLB, ESP, SWE, TTO, TUR, GBR, USA	19/06/25	31/12/28	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Innovative Surface Solutions
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
RE34791ACO	Polyethylene polyamines; and Fatty acids, tall-oil, reaction products with polyethylenepolyamines, acetates	USA	GUY	25/02/25	31/12/28	Y	S/P	2	2G	Cont	No	T1	IIA	No	C	FT	AC	Yes	15.12, 15.17, 15.19	Baker Hughes

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RE4599DMO DEMULSIFIER	Methyl alcohol; Trimethylbenzene (all isomers); and oil	USA	GUY	25/02/25	31/12/28	X	S/P	2	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, 16.2.6	Baker Hughes
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 Norge AS
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.
RM 50142	Propylene tetramer	USA	All countries		None	X	S/P	2	2G	Cont	No	T3	IIA	No	R	F	ABC	No	15.19.6, 16.2.9	Chevron Oronite
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 DFS-H15	Hydrochloric acid; and 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		None	Y	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Halliburton AS
SBM NSA-NO	Formic acid (85% or less acid); and 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
SCAL12895F1	Ethanolamine	NOR	FRO, GBR	11/09/24	31/12/27	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		ChampionX
SCAL16079A	Ethylene glycol; and Diethylenetriamine pentamethylene phosphonate, sodium salt solution	USA	All countries		None	Y	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
SCAL25786A	Ethylene glycol; and Polyphosphoric acids, esters with triethanolamine, sodium salts solution	GBR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		ChampionX
SCALETREAT 8241	Potassium hydroxide solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	R	No	AC	No	15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 13842	Ethanolamine; and 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 16876	Potassium hydroxide solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	R	No	AC	No	15.17, 15.19.6	Clariant Oil Services Scandinavia AS
SCALETREAT 18650	Ethanolamine	NOR	All countries		None	Z	P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Clariant Oil Services Scandinavia AS
SCALETREAT 837C	[[[2-hydroxyethyl]imino]dimethylene] bisphosphonic acid, sodium salt	NOR	GBR	22/04/25	31/12/28	Z	S/P	3	2G	Open	No	-	-	NF	O	No	No	No		Clariant Oil Services Scandinavia AS
SCALETREAT DF 8386	Maleic anhydride - sodium allylsulphonate copolymer; and 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		None	Z	S/P	3	2G	Open	No	-	-	Yes	C	No	AC	Yes	15.19, 16.2.9	Clariant Oil Services Scandinavia AS

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SCALETREAT SD 12392	Acetic acid; and Hexanedioic acid, polymer with 2,2'-(methylimino)bis[ethanol], di-(9Z)-9-octadecenoate (ester), compound with chloromethane in diethylene glycol butylether	NOR	All countries		None	Y	S/P	3	2G	Cont	No	-	-	Yes	R	T	AC	No	15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12.3, 15.12.4, 15.19.6	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 TP 8106A	Carboxylated phosphonated sodium allyl sulphonate polymer; and Ethanolamine	GBR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19	Clariant Oil Services UK Ltd
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
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 Norge AS
SD-4127	Acetic acid; and 1,3,5-Hexahydrotriethanol-1,3,5-triazine solution	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, 15.19.6	Schlumberger Norge AS
SD-4206	Polyaspartic acid amine	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	R	No	AC	No	15.17, 15.19.6	Schlumberger Norge AS
SGR 21	N,N'-Methylene-bis(5-methyloxazolidine); and 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-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 Norge AS
SI-4154	Ethanolamine	NOR	All countries		None	Z	S/P	3	2G	Cont	No	-	-	Yes	O	No	AC	No		Schlumberger Norge AS
SI-49024	Sodium hydroxide solution	NOR	All countries		None	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No		Schlumberger Norge AS
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
SOLVTREAT 3062	Ethylene glycol monoalkyl ethers	NOR	All countries		None	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
ST1207R	Dodecyl phenol; Calcium alkaryl sulphonate (C11-C50); 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
SterSweep NLP 5305	Acrylamide – Sodium acrylate – Acrylamido-2-methyl-1-propanesulfonic acid sodium salt copolymer; and Iso- and cyclo-alkanes (C12+)	GBR	IMN	27/10/25	31/12/28	Y	S/P	2	2G	Open	No	-	-	Yes	O	No	ABC	No	15.19.6, 16.2.6	Sterling Specialty Chemicals
SUBSEA 125E CORROSION INHIBITOR	Methyl alcohol; and Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates	USA	GUY	18/07/25	31/12/28	X	S/P	2	2G	Cont	No	T2	IIA	No	C	FT	AC	No	15.12, 15.17, 15.19	Baker Hughes
SUBSEA125 Corrosion Inhibitor	Methyl alcohol; and 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

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SUBSEA531 ASPHALTENE INHIBITOR	Polyethylene polyamines; Trimethylbenzene (all isomers); and oil	USA	GUY	07/02/25	31/12/28	X	S/P	2	2G	Cont	No	T1	IIA	No	R	FT	AC	No	15.12.3, 15.12.4, 15.19.6	Baker Hughes
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
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, CYP, DNK	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
TRETOLITE DMO651 DEMULSIFIER	Methyl alcohol; Trimethylbenzene (all isomers); and oil	USA	GUY	07/02/25	31/12/28	X	S/P	2	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
TRETOLITE RBW85754	Ethylene glycol	GBR	NOR	18/08/25	31/12/28	Z	S/P	3	2G	Open	No	-	-	Yes	O	No	AC	No	15.19.6	Baker Hughes
UCARSOL AP SOLVENT 814ME	Piperazine, 68% solution; and Methyl-diethanolamine	USA	All countries		None	Y	S/P	2	2G	Cont	No	-	-	Yes	C	T	AC	Yes	15.12, 15.17, 15.19, 16.2.6	Dow Chemical Company
VISCODIS™ 2645 AH	Phosphinic acid; and Polyacrylic acid solution (48% or less)	FRA	All countries		None	Y	S/P	3	2G	Open	No	-	-	NF	O	No	No	No	15.19.6, 16.2.6, 16.2.9	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); 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, 16.2.9	Sasol

TRIPARTITE AGREEMENTS

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

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Annex 4
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Tradename	n.o.s.	Contains	Rep	Countries	Receive Date	Expiry Date	Cat	ST	Remark	Company
SCW85729	9	Sulphonated alkylcarboxylic acid polymer salt	GBR	BHS, MHL, NOR	19/06/2025	31/12/2028	Z	3		Baker Hughes
SCW88233	9	Sulphonated alkylcarboxylic acid polymer salt	GBR	BHS, MHL, NOR	19/06/2025	31/12/2028	Z	3		Baker Hughes

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

Product Name	Ship Type ¹	Pollution Category ²	Component factor ³
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)
N-Alkyl(C12-C16)-N,N,N-trimethylammonium chloride	1 (Rule 1)	X (Rule 1)	1000 (Row i)
Aziridine polymer with methyloxirane (78% in diethylene glycol monoethyl ether)	2 (Rule 8)	Y (Rule 7)	25 (Row n)
Carboxylated phosphonated sodium allyl sulphonate polymer	3 (Rule 12)	Z (Rule 12)	0 (Row t)
Dialkyl amino phosphonate solution (45-55%)	3 (Rule 12)	Z (Rule 12)	0 (row u)
Didecyldimethylammonium chloride	1 (Rule 1)	X (Rule 1)	1000 (Row i)
Diethylenetriamine pentamethylene phosphonate, sodium salt solution	3 (Rule 13)	Y (Rule 7)	1 (Row p)
Hexanedioic acid, polymer with 2,2'- (methylimino)bis[ethanol], di-(9Z)-9-octadecenoate (ester), compound with chloromethane in diethylene glycol butylether	2 (C3=(3), so ST2)	Y (Rule 6)	10 (Row o)
[[[(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 copolymer solution	3 (Rule 12)	Z (Rule 12)	0 (Row t)
2-Mercaptoethanol	3 (Rule 12)	Y (Rule 11)	25 (Row n)
Phosphinic acid	2 (C3=(3), so ST2)	Z (Rule 12)	0 (Row t)
Polyalkene sulphononic acid (C20-C28), sodium salt	2 (Rule 8)	Y (Rule 10)	1 (Row s)
Polyaspartic acid amine	3 (Rule 12)	Z (Rule 12)	0 (Row t)
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)
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 diethylenetriamine	2 (Rule 4)	X (Rule 3)	1000 (Row l)
Tetrakis(hydroxymethyl)phosphonium sulphate	2 (C3=3, so ST2)	Y (Rule 5)	100 (Row m)

¹ Rule for ship type refers to table 2 in 21.4.5.2 of the IBC Code
² Rule for Pollution Category refers to table 1 in 21.4.5.2 of the IBC Code / Appendix I to MARPOL Annex II
³ 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

BROWN GREASE

FOG (fats, oils, greases)
Gutter oil
Trap grease

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.

LIST OF COUNTRY ABBREVIATIONS
Part 1 – Code Order

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

GIN	Guinea	LIE	Liechtenstein
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 (United Kingdom)	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

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

LIST OF COUNTRY ABBREVIATIONS
Part 2 – Country Order

Code	Country		
		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	Faroese, 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	LTU	Lithuania
GHA	Ghana	LUX	Luxembourg
GIB	Gibraltar (United Kingdom)	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 (United Kingdom)	NRU	Nauru
ISR	Israel	NPL	Nepal
ITA	Italy	NLD	Netherlands (Kingdom of)
JAM	Jamaica	NZL	New Zealand
JPN	Japan	NIC	Nicaragua
JOR	Jordan	NER	Niger
KAZ	Kazakhstan	NGA	Nigeria
KEN	Kenya	NIU	Niue
KIR	Kiribati	MKD	North Macedonia
KWT	Kuwait	NOR	Norway
KGZ	Kyrgyzstan	OMN	Oman
LAO	Lao People's Democratic Republic	PAK	Pakistan
LVA	Latvia	PLW	Palau
LBN	Lebanon	PAN	Panama
LSO	Lesotho	PNG	Papua New Guinea
LBR	Liberia	PRY	Paraguay
LBY	Libya	PER	Peru
LIE	Liechtenstein	PHL	Philippines

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

TRIPARTITE CONTACT ADDRESSES

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ANNEX 10: CARGO TANK CLEANING ADDITIVES**Table 1 – Trade-named cleaning additives evaluated in accordance with MEPC.1/Circ.590/Rev.1**

Name of cleaning additive	Name of manufacturer	Reporting Country	Session
ACE TAR CLEANER	Assos Chemicals	TUR	ESPH 31
ACE WASH PLUS	Assos Chemicals	TUR	ESPH 31
ACE WASH PLUS HF	Assos Chemicals	TUR	ESPH 31
BRAINCHEM PFAD CLEANER (Code 551088)	BRAIN CHEM INT PTE LTD	SGP	ESPH 31
CALK PREMIUM	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEEPOL	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA CTC	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA HCF	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA TANK	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA WASH	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA WASH EXTRA	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
CEWA WASH EXTRA HF	Cemkimsan Kimya San.Tic.Ltd.\$ti.	TUR	ESPH 31
Chemtec B-Solve	CHEMTEC Chemicals GmbH	DEU	PPR 12
CORROBRILL MARINE	CORROBAN	FRA	PPR 12
CORROSOLGAS MARINE	CORROBAN	FRA	PPR 12
CX-MY2185	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
DZ-MY2822	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
Eflomarine - Ecoclean	Eflochem Chemicals Blending Co., LLC	NLD	PPR 12
Eflomarine - Marisol STC	Eflochem Chemicals Blending Co., LLC	NLD	PPR 12
Eflomarine - Tank Clean Alkaline	Eflochem Chemicals Blending Co., LLC	NLD	PPR 12
Eflomarine - Tank Clean Alkaline HDPC Cleaner	Eflochem Chemicals Blending Co., LLC	NLD	PPR 12
Eurolobe F1310 Citrus Bio-Clean	Eurolobe Chemicals Pte Ltd	SGP	ESPH 31
GJ-MY1320	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
Grato LT Marine	Henkel Belgium N.V.	BEL	ESPH 31
HC-MY1045	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
K-Aqua Clean Plus	K Marine Chemical Co., Ltd.	KOR	PPR 12
K-Sea Clean	K Marine Chemical Co., Ltd.	KOR	PPR 12
KS-MY1428	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
Lumi-Alka	Lumina Chemicals BV	NLD	ESPH 31
Lumi-Citra	Lumina Chemicals BV	NLD	ESPH 31
Lumi-Multibrite	Lumina Chemicals BV	NLD	ESPH 31
Lumi-Neutra	Lumina Chemicals BV	NLD	ESPH 31
Lumi-Ox	Lumina Chemicals BV	NLD	ESPH 31
Lumi-Sil	Lumina Chemicals BV	NLD	ESPH 31
PROBAN PO MARINE	CORROBAN	FRA	PPR 12
RJ-MY1850	Shandong Maiyue Marine Engineering Co., Ltd	CHN	ESPH 31
SW Wash AB	Adeka Clean Aid Corporation	JPN	ESPH 31
SW Wash AH	Adeka Clean Aid Corporation	JPN	ESPH 31
SW Wash AN	Adeka Clean Aid Corporation	JPN	ESPH 31
VANABOAT MARINE	CORROBAN	FRA	PPR 12
VANABOAT R MARINE	CORROBAN	FRA	PPR 12

Table 2 – Pure products evaluated in accordance with MEPC.1/Circ.590/Rev.1

The following pure product(s) have been evaluated and found to comply with the requirements of regulation 13.5.2 of MARPOL Annex II when used as cleaning additives. Listings in this table are not associated with a specific manufacturer and have no expiry date.

Pure product name

Hydrochloric acid

Table 3 – Trade-named cleaning additives evaluated in accordance with MEPC.1/Circ.590

Name of cleaning additive	Name of manufacturer	Reporting country
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

Name of cleaning additive	Name of manufacturer	Reporting country
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	UNI Americas LLC	USA
Alkaclean Safety	Vecom Marine B.V.	NLD
Alkaclean Safety	Unimarine International BV	NLD
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

Name of cleaning additive	Name of manufacturer	Reporting country
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
APEX-5 MULTI POL	APEX CHEMICALS (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
BONDERITE C-MC X VLOEIBA (formerly P3-x vloeibaar)	Henkel Belgium N.V.	BEL
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

Name of cleaning additive	Name of manufacturer	Reporting country
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 B.V.	NLD
Careclean Alkaline	Marine Care B.V.	NLD
Careclean Alkaline Extra	Marine Care B.V.	NLD
Careclean Alkaline Safety	Marine Care B.V.	NLD
Careclean Aquawash (Teepol)	Marine Care B.V.	NLD
Careclean Buffer	Marine Care B.V.	NLD
Careclean Caustic Soda	Marine Care B.V.	NLD
CareClean Citric Acid	Marine Care B.V.	NLD
Careclean CitriXolve	Marine Care B.V.	NLD
Careclean Coaltar	Marine Care B.V.	NLD
Careclean Concentrated Tank Cleaner	Marine Care B.V.	NLD
CareClean CR	Marine Care B.V.	NLD
Careclean D80	Marine Care B.V.	NLD
Careclean Degreaser GP	Marine Care B.V.	NLD
Careclean Degreaser HD	Marine Care B.V.	NLD
Careclean Degreaser HD Split	Marine Care B.V.	NLD
Careclean Detergent Booster	Marine Care B.V.	NLD
Careclean Ecosolv	Marine Care B.V.	NLD
Careclean Energy Wash	Marine Care B.V.	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 B.V.	NLD
Careclean GP Enviro	Marine Care B.V.	NLD
Careclean HCF - BG	Marine Care B.V.	NLD
Careclean Inhibitor Killer/Lead Cleaner	Marine Care B.V.	NLD
Careclean Latex Remover	Marine Care B.V.	NLD
Careclean LOW COD	Marine Care B.V.	NLD
Careclean Multiclean	Marine Care B.V.	NLD
Careclean Neutral HCF	Marine Care B.V.	NLD
Careclean Passivation Liquid	Marine Care B.V.	NLD
Careclean PL-CA	Marine Care B.V.	NLD
Careclean PL-Con	Marine Care B.V.	NLD
Careclean Potassium Hydroxide	Marine Care B.V.	NLD
Careclean Rust	Marine Care B.V.	NLD
Careclean SC	Marine Care B.V.	NLD
Careclean Super Degreaser	Marine Care B.V.	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 B.V.	NLD
Careclean WAF	Marine Care B.V.	NLD
Careclean Xcellerate VO	Marine Care B.V.	NLD
Careclean Zincsurf	Marine Care B.V.	NLD
Caretank ECO	Marine Care B.V.	NLD
Caretank ECO Extra	Marine Care B.V.	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 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

Name of cleaning additive	Name of manufacturer	Reporting country
CITRUS POWER PLUS	ALPHA CHEMICAL PRODUCTS	GRC
Clean Break	UNI Americas LLC	USA
Cleanbreak	Blutec srl	ITA
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	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
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.	KOR
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

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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
ECOBUE ALKALINE WATER BASED SUPER DEGREASER F	Manchem (Pty) Limited	ZAF
ECOBUE ALKALINE WATER BASED SUPER DEGREASER LF	Manchem (Pty) Limited	ZAF
ECOBUE NEUTRAL WATER BASED SUPER DEGREASER F	Manchem (Pty) Limited	ZAF
ECOBUE 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
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
ERCLEAN CTC	Ertek Chemicals	TUR
ERCLEAN TANK-ENV	ERTEK KİMYA TİCARET VE SANAYİ A.Ş.	TUR
ERCLEAN-ALCA	ERTEK CHEMICALS	TUR
ERCLEAN-HCOH	ERTEK CHEMICALS	TUR
ERCLEAN-SYNER-G	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

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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 B.V.	NLD
Green Enviro	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
GreenCare CR	Marine Care B.V.	NLD
GreenCare Rust Remover	Marine Care B.V.	NLD
GreenCare Synergy	Marine Care B.V.	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 B.V.	NLD
KdB Totaal Ontvetter	Marine Care B.V.	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
KT-Alka	CHEMTEC Chemicals GmbH	DEU

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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
MAC Susbright	MASTEC Co. Ltd	JPN
MAC-100	MASTEC Co. Ltd	JPN
Marclean AC	TECO Chemicals AS	NOR
Marclean AC+	TECO Chemicals AS	NOR
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+	TECO Chemicals AS	NOR
Marclean HC	TECO Chemicals AS	NOR
Marclean HCR	TECO Chemicals AS	NOR
Marclean MB (Metal Bright)	Teco Chemicals AS	NOR
Marclean MB40	TECO Chemicals AS	NOR
Marclean SC	Teco Chemicals AS	NOR
Marclean Soap	TECO Chemicals AS	NOR
Marclean Solve	TECO Chemicals AS	NOR
MarClean SSP	TECO Maritime Far East Pte Ltd	SGP
MarClean XP	TECO Chemicals AS	NOR
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

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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
MITE	AYT Endustriyel Kimya Sansayi Ltd. STI	TUR
Multi Cleaner	Vecom Marine B.V.	NLD
Multicleaner	StarMarine Chemical BV	NLD
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
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-MSD CLEANER	ONE-TOP MARINE Co. Ltd.	KOR

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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
ProClean APC	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProClean HDC	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProClean Multi	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProClean OrgA	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProClean Rust	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProClean Teepol	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
Product Formula 3	Drew Marine	USA
Product Formula 4	Drew Marine	USA
Product Formula 5	Drew Marine	USA
ProHold Alka	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProHold Aqua	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProHold HCF L	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank AC	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Bright	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Buffer	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank CTR	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Degreaser	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Energy	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Extra	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank HCF	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank HCF XL	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank IGS	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Pure	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank Safe	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
ProTank TC	ERTEK KİMYA TİCARET VE SANAYİ A.Ş	TUR
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 Twinstarr	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
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
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 Phipers Company Limited	THA
Sodium Hypochlorite	Wilhelmsen Chemicals AS	NOR
Sodium Hypochlorite 12.5% DM	Drew Marine	USA
SOLBREAK	MARICHEM MARIGASES Worldwide	GRC

Name of cleaning additive	Name of manufacturer	Reporting country
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
TANK CLEAN MARINE	CHEM MARINE	CHL
Tank Cleaner A	Marichem Marigases Worldwide Services	GRC
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

Name of cleaning additive	Name of manufacturer	Reporting country
TCS-3T	New Shin Young Co., Ltd.	KOR
TCS-5	New Shin Young Co., Ltd.	KOR
TC-SOL	CEMKIMSAN KIMYA SAN. TIC.LTD.STI	TUR
TCS-PARA	New Shin Young Co., Ltd.	KOR
TCS-RSR	New Shin Young Co., Ltd.	KOR
TCS-SCMR	New Shin Young Co., Ltd.	KOR
TC-WAT	CEMKIMSAN KIMYA SAN. TIC.LTD.STI	TUR
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
Unclean Break	Unimarine International BV	NLD
UNCLEAN DRASTIC	UNIservice UNISAFE S.r.l.	ITA
Unclean Eco	Unimarine International BV – Eflochem	NLD
UNCLEAN GP	UNIservice UNISAFE S.r.l.	ITA
Unclean GP Extra	Unimarine International BV	NLD
Unclean HCF Eco	Unimarine International BV	NLD
Unclean HD	UNI Americas LLC	USA
Unclean IG	UNI Americas LLC	USA
Unclean Resin Remover	Unimarine International BV	NLD
Unclean Rust Remover	Unimarine International BV	NLD
Unclean Steam Cleaner	Unimarine International BV	NLD
Unclean 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
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)[†] (m)
- .4 Vegetable fatty acid distillates (m)

* 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 $> 60^{\circ}\text{C}$
-