

ANNEX 3

TRIPARTITE AGREEMENTS

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

| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|--------------------------------------|--|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|--------------------------------|--------------------------------------|
| 10% SCALETREAT 8199C in 6% NaCl | Phosphoric acid; Ethanolamine | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | R | No | AC | No | | Clariant Oil Services Scandinavia AS |
| 30-50% SCALETREAT SD 12154 in 3% KCl | Potassium hydroxide solution | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | Yes | O | No | AC | No | 16.2.9 | Clariant Oil Services Scandinavia AS |
| ACPC04943A | Phosphoric ethylhexyl ester salt; and Iso- and cyclo-alkanes (C10-C11) | GBR | DNK, NLD, NOR | 23/02/18 | 31/12/21 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | R | No | AC | No | 15.19.6 | Nalco Champion |
| ACPC26004A | Naphthalene (molten); Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| Alcoa CARP | Sodium hydroxide | USA | AUS, BHS, BRA, CAN, CHN, JAM, LBR, MLT, MHL, NOR, PAN, SAU, SGP, SUR, TTO, GBR, VEN | 13/06/16 | 31/12/19 | Z | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | A | Yes | 15.12.3, 15.12.4, 15.17, 15.19 | Alcoa Corporate Center |
| Amine DCT | Triethylenetetramine/2-Piperazine-1-ylethylamine mixtures | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19 | Dow Chemical |
| AP 13168 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 |
| AP 13246 | Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14) 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 |
| AP 13275 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 |
| Assure® HI-90 | Ethylene glycol monoalkyl ethers | GBR | NLD, NOR | 14/04/16 | 31/12/19 | Z | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | | Nalco Champion |
| Assure® HI-95 | Ethylene glycol monoalkyl ethers | GBR | NLD, NOR | 15/09/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.19.6 | Nalco Champion |
| Basol 2020 | Sodium hydroxide solution | NOR | NLD, GBR | 12/10/18 | 31/12/21 | Z | S/P | 3 | 2G | Cont | No | - | - | NF | R | No | No | No | 15.19.6 | Schlumberger PT |

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|---------------------------------|--|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|---|--|
| Bayer Process Liquid | Sodium aluminate; Sodium hydroxide | USA | AUS, BHS, BEL, CYM, CHN, CYP, DEU, GRC, HKG, ITA, JAM, JPN, LBR, MLT, MHL, NLD, NOR, PAN, PHL, SGP, GBR | 23/03/17 | 31/12/20 | Z | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | Yes | 15.12.3, 15.12.4, 15.17, 15.19 | Kaiser Aluminum & Chemical Corporation |
| Biopac II | Drilling brines, including: calcium bromide solution, calcium chloride solution and sodium chloride solution | NOR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | 15.19.6 | Halliburton AS |
| BK Gasoline | Benzene; 1,3-Cyclopentadiene dimer (molten) | ITA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19 | Versalis SpA |
| BK Reformed/Platformed Gasoline | 1,3-Cyclopentadiene dimer (molten); Styrene | ITA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Versalis SpA |
| CA 354 | 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 | Chevron Oronite Company |
| Caromax 20 | Alkyl (C3-C4) benzenes; Naphthalene | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| Caromax 20/45 | Alkyl (C3-C4) benzenes; Naphthalene | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| Caromax 26 | Methylnaphthalene; Poly(2+) cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| Caromax 28 | Methylnaphthalene; Poly(2+) cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| CAS 29/75 | Methylnaphthalene; Poly(2+) cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| CGW80742P | Methyl alcohol; Tall oil fatty acids reaction products with 2-[(2-amino ethyl)amino]ethanol, di-ethyl sulphate and mineral oil | GBR | All countries | | None | X | S/P | 1 | 2G | Cont | No | T2 | IIA | No | C | FT | ABC | Yes | 15.11.2 to 15.11.4, 15.11.6 to 15.11.8, 15.12, 15.17, 15.19 | Baker Hughes |
| CI-40 | 2-Mercaptoethanol; Tall oil acids reaction products with triethanolamine | USA | DNK, NLD, NOR, GBR | 08/08/18 | 31/12/21 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | NALCO |

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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 |
|------------------|--|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|---|--------------------------------------|
| CL-31 | Boric acid | 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 |
| Clairsol 350MHF | n-Alkanes (C10+) | GBR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Petrochem Carless |
| Clairsol CT-NA | n-Alkanes (C10+) | GBR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Petrochem Carless |
| Clairsol NS | n-Alkanes (C10+) | GBR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Petrochem Carless |
| CM-9824 | Sodium hydroxide solution | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Schlumberger Production Technologies |
| CORR10003A | Triethylene glycol | GBR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |
| CORR11413A | Tall oil acids reaction products with diethylenetriamine and acrylic acid in ethylene glycol; Ethylene glycol monoalkyl ethers | GBR | NLD, NOR | 01/09/17 | 31/12/20 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.19.6 | Nalco Champion |
| CORR11610SP | Ethylene glycol monoalkyl ethers | GBR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | T3 | IIB | No | C | FT | AC | No | 15.12.3, 15.12.4, 15.19.6 | Nalco Champion |
| CORR11645A | Alkyl (C5-C8) benzenes; Tall oil acids/linoleic acid dimer/polyalkylenepolyamines /dodecylbenzenesulphonic acid complexes in naphtha/isopropanol | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19 | Nalco Champion |
| CORR18925A | Napthalene and Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| CORRTREAT 12896 | Ethylene glycol monoalkyl ethers | NOR | NLD, GBR | 10/02/16 | 31/12/19 | X | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Clariant Oil Services Scandinavia |
| Cortron CK929-G | Coco alkyl amine/quaternary ammonium reaction mixture in 2-butoxyethanol | GBR | NLD, NOR | 17/05/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12.4, 15.19.6 | Nalco Champion |
| CRW85826D | Ethylene glycol; 2-Mercaptoethanol | GBR | NLD, NOR | 20/01/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19 | Baker Hughes |
| CRW88015 | Ethylene glycol monoalkyl ethers; and 2-Mercaptoethanol | GBR | NLD, NOR | 22/02/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Baker Hughes |
| CS 1500E | Polyalkene sulphonic acid (C20-C28), sodium salt | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12.3, 15.12.4, 15.19, 16.2.6, 16.2.9 | Chevron Oronite |
| CS 4300 | Ethylene glycol monoalkyl ethers | GBR | BHS, USA | 15/02/18 | 31/12/21 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | R | No | ABC | No | 15.12.3, 15.12.4, 15.19, 16.2.6 | Chevron |
| CTC Crude Type A | Carbon tetrachloride | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | NF | C | T | No | Yes | 15.12, 15.17, 15.19 | Ineos ChlorVinyls Ltd |

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|-----------------------|--|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|---|--------------------------|
| D-Crude CTC | Carbon tetrachloride | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | NF | C | T | No | No | 15.12, 15.17, 15.19 | Dow Chemical |
| DMO86906 | Alkyl (C3-C11) benzene | GBR | BHS, NLD, NOR | 06/06/16 | 31/12/19 | X | S/P | 2 | 2G | Cont | No | T1 | IIA | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Baker Hughes |
| Eastman VersaMax | Bis-(2-ethylhexyl) terephthalate; Dibutyl terephthalate | USA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6,16.2.6,16.2.9 | Eastman Chemical Company |
| Eastman VersaMax Plus | Dibutyl terephthalate | USA | BHS, BRA, CHN, LBR, MHL, NLD, NOR, PAN, PHL, KOR, VCT, SGP | 30/03/17 | 31/12/20 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Eastman Chemical Company |
| EB-8228 | Poly(iminoethylene)-graft-n-poly(ethyleneoxy) solution (90% or less) | NOR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | MI-SWACO |
| EC1645A | Alkyl (C5-C8) benzenes; Tall oil acids/linoleic acid dimer/polyalkylenepolyamines /dodecylbenzenesulphonic acid complexes in naphtha/isopropanol | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19 | Nalco Champion |
| EC6004A | Naphthalene (molten); Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| EC6671A | Methyl alcohol; Poly n-alkylmethacrylamide ammonium acrylate copolymer (20% solution in DEGME) | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| ECFS Blend | Acetic anhydride | USA | BHS, CYM, CHN, CYP, GRC, HKG, JPN, LBR, MLT, MHL, NOR, PAN, PHL, KOR, VCT, SGP, GBR | 09/10/17 | 31/12/20 | Z | S/P | 2 | 2G | Cont | No | T2 | IIA | No | C | FT | AC | Yes | 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.12, 15.17, 15.19 | Eastman Chemical Company |
| EEHC1 | Triethylene glycol | GBR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |
| EMBR18636A | Octanol (all isomers) | NOR | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |
| EMBR18636F3 | Octanol (all isomers) | NOR | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |
| Emulsotron X-8636 | Octanol (all isomers) | NOR | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |

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|--------------------|---|-----|-------------------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|--|--------------------------------------|
| ENORDET O332 | Sodium alkyl (C14-C17) sulphonates (60-65% solution) | 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, 16.2.6 | Shell Chemical |
| EPT-2492 | Acetic acid | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | Yes | C | No | ABC | Yes | 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19 | MI-SWACO |
| Ethylol 75 | Ethyl alcohol; Isopropyl ether | ZAF | All countries | | None | Y | S/P | 3 | 2G | Cont | No | T2 | IIB | No | R | F | AC | No | 15.19.6 | Sasol |
| FLOPAAM™ DWA1S | Iso- and cyclo-alkanes (C12+) | GBR | BHS | 05/03/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | - | - | NF | R | No | No | No | 15.19.6, 16.2.6, 16.2.9 | SNF S.A.S. |
| Fraction C6 | Benzene | ITA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Versalis SpA |
| Fraction C7 | Toluene | ITA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T1 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Versalis SpA |
| Fraction TX | Toluene | ITA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T1 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Versalis SpA |
| Fuerza Combustible | Methyl alcohol; Octane | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | C | FT | AC | Yes | 15.12, 15.17, 15.19 | Fuerza LLC |
| FX2886 | Naphthalene (molten); Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19 | Nalco Champion |
| GF-2668 | 2, 4-D Choline Salt | USA | ARG, CYM, LBR, NOR, GBR | 07/09/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19 | Dow AgroSciences LLC |
| GT-7538 | Diethanolamine | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19.6 | Schlumberger Production Technologies |
| GT-7599 | Diethanolamine | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19.6 | Schlumberger Production Technologies |
| GT-7602 | Diethanolamine; Ethylene glycol | NOR | NLD, GBR | 12/05/17 | 31/12/20 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19 | Schlumberger Production Technologies |
| Gypton SA1360 | Hydrochloric acid | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | | Nalco Champion |
| Gypton SA1650 | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| Gypton SA1660 | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | | | Yes | O | No | AC | No | | Nalco Champion |
| Gypton SA3050 | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| Gypton SA3070 | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | -- | Nalco Champion |
| Gypton SA3120 | Ethylene glycol; 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 16.2.9 | Nalco Champion |

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|-----------------------|--|-----|--|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|--|--------------------------------------|
| Gyptron SA3130 | Ethylene glycol; 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| Gyptron SA3190 | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| Gyptron SA3480 | Hydrochloric acid | GBR | DNK, NLD, NOR, USA | 27/07/17 | 31/12/20 | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | | Nalco Champion |
| Gyptron SA-4074 | Ethanolamine | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | NF | R | T | No | No | 15.12.3, 15.12.4, 15.19.6 | Nalco Champion |
| Gyptron SA-4139 | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Nalco Champion |
| H.B.M. (Volatile oil) | 1,3-Pentadiene | JPN | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | R | F | ABC | No | 15.13, 15.19.6, 16.6.1, 16.6.2, 16.6.3 | Nihon Zeon Co. Ltd |
| Halliburton AS-9 | Alkyl (C11-C17) benzene sulphonic acid | USA | MEX, VUT | 02/11/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | AC | No | 15.12.3, 15.12.4, 15.19, 16.2.6 | Halliburton |
| Halliburton A-SPERSE | Ethoxylated long chain (C16+) alkyloxyalkylamine | USA | MEX, VUT | 03/11/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | T1 | IIA | No | C | FT | AC | No | 15.12.3, 15.12.4, 15.19, 16.2.6 | Halliburton |
| Halliburton HAI-82 | Tall oil fatty acid (resin acids less than 20%); Alcohol (C12-C16) poly(7-19)ethoxylates | USA | MEX, VUT | 28/11/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | T1 | IIA | No | C | FT | AC | Yes | 15.12, 15.17, 15.19 | Halliburton |
| Halliburton MUSOL A | Ethoxylated hexanol | USA | MEX, VUT | 08/11/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12.3, 15.12.4, 15.19 | Halliburton |
| HITEC 9345P | Polyolefin (MW300+); Zinc alkyl dithiophosphate (C3-C14) and mineral oil | BEL | BGR, CYP, DNK, EGY, FRA, IND, LBR, MLT, MHL, NLD, NOR, PAN, SGP, TUR, GBR, USA | 10/08/16 | 31/12/19 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | AB | No | 15.19.6, 16.2.6 | Afton Chemical |
| HITEC 9345S | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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, 16.2.9 | Afton Chemical Corporation |
| HR-2510 | 1,3,5-Hexahydrotriethanol-1,3,5-triazine | NOR | DNK, NLD, GBR | 07/06/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19 | Schlumberger Production Technologies |
| HR-2544 | Reaction products of paraformaldehyde and 2-hydroxypropylamine | NOR | NLD, GBR | 12/10/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19 | Schlumberger PT |

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

| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|--------------------|--|-----|---------------|--------------|-------------|-----|-----|----|----|------|-------|----|-----|------|---|----|-----|-----|---|------------------------|
| HYDT10900A | Ethylene glycol monoalkyl ethers | GBR | NLD, NOR | 14/04/16 | 31/12/19 | Z | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | | Nalco Champion |
| HYDT10950A | Ethylene glycol monoalkyl ethers | GBR | NLD, NOR | 15/09/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.19.6 | Nalco Champion |
| HYDT16671SP | Methyl alcohol; Poly n-alkylmethacrylamide ammonium acrylate copolymer (20% solution in DEGME) | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| IP CLEAN LX | Dodecane (all isomers) | JPN | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | R | F | ABC | No | 15.19.6 | Idemitsu Kosan |
| IP Extraction Feed | 1,3-Cyclopentadiene dimer; Isoprene | NLD | All countries | | None | Y | S/P | 2 | 2G | Cont | Inert | T3 | IIB | No | C | FT | ABC | Yes | 15.12, 15.13, 15.14, 15.17, 15.19, 16.6.1, 16.6.2 and 16.6.3 | Shell |
| IP SOLVENT 1620 | Dodecane (all isomers) | JPN | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | R | F | ABC | No | 15.19.6 | Idemitsu Kosan |
| KI-3130 | Fatty acids, C18 unsat, reaction products with diethylenetriamine | NOR | DNK, NLD, GBR | 30/11/17 | 31/12/20 | 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 |
| Kogasol 56 | Hexane (all isomers); Heptane (all isomers) | ZAF | All countries | | None | X | S/P | 2 | 2G | Cont | No | T3 | IIA | No | C | FT | ABC | No | 15.12, 15.17, 15.19 | SASOL |
| Linealene 124 | Dodecene (all isomers) | JPN | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | R | T | ABC | No | 15.12.3, 15.12.4, 15.19.6 | IDEMITSU KOSAN CO. LTD |
| LUBAD 1761 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| LUBAD 1798 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| LUBAD 1807 | Alkyl (C18-C28) 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 | Chevron Oronite |

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 |
|-----------------|--|-----|--|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|-----------------------------|-----------------|
| LUBAD 1887 | Calcium long chain alkyl phenate sulphide; Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase and mineral oil | SGP | DZA, AUS, BHS, BEL, CYM, CHN, EGY, DEU, GRC, HKG, IND, IDN, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, ZAF, TUR, ARE, USA | 13/04/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| Lubrizol 4980A | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 16005 | Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14) 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 20017 | Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide 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 CV2301 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 CV2307 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) | USA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |
| Lubrizol CV6503 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |
| LUBRIZOL CV6530 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) and mineral oil | USA | AUS, CYM, CHN, CYP, HKG, IDN, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 06/04/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Lubrizol |

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| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|-------------------|--|-----|--|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|----|-------------------------|----------|
| Lubrizol CV7050 | Calcium long chain alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14) 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 FC8051X | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 FC9050 | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 FC9052X | Polyolefin amide alkeneamine (C17+); Zinc alkyl dithiophosphate (C3-C14) 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 MAR 515U | Calcium long chain alkyl phenate sulphide (C8-C40); Alcohols (C12+), primary, linear | USA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6, 16.2.9 | Lubrizol |
| Lubrizol MD9C01X | 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 MD9C08X | Calcium long chain alkyl phenate sulphide (C8-C40) | USA | CYM, CHN, CYP, FRA, HKG, IDN, LBR, MYS, MLT, MHL, NOR, PAN, KOR, SGP, ARE, GBR | 11/07/16 | 31/12/19 | Z | S/P | 2 | 2G | Cont | No | - | - | Yes | R | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |
| Lubrizol MD9C70X | Calcium long chain alkyl phenate sulphide (C8-C40) | USA | AUS, CYM, CHN, CYP, FRA, HKG, IDN, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 15/03/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | R | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |
| Lubrizol MD9C140X | Calcium long-chain alkyl phenate sulphide (C8-C40) | USA | CYM, CHN, CYP, HKG, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 05/02/18 | 31/12/21 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |

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 |
|------------------|---|-----|--|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|-----------------------------------|----------|
| Lubrizol PV1023 | Calcium alkaryl sulphonate (C11-C50); Alkenyl (C11+) amide and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Lubrizol |
| Lubrizol PV1127K | Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide 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 PV3400X | 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 PV6500X | Alkylated (C4-C9) hindered phenols; Polyolefin amide alkeneamine (C17+) 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 | Lubrizol |
| Lubrizol PV6501X | Alkylated (C4-C9) hindered phenols; 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 PV7053 | Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | Yes | 15.19.6, 16.2.6 | Lubrizol |
| Lubrizol PV7601 | Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide and mineral oil | USA | AUS, CYM, CHN, CYP, HKG, IDN, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 06/04/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Lubrizol |
| Lubrizol PV9121 | Polyolefin amide alkeneamine (C17+); Alkenyl (C11+) amide and mineral oil | USA | AUS, CYM, CHN, CYP, HKG, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 30/03/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Lubrizol |
| Lubrizol PV9121S | Polyolefin amide alkeneamine (C 17+); Alkenyl (C 11+) amide and mineral oil | USA | AUS, CYM, CHN, CYP, FRA, HKG, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 15/03/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Lubrizol |
| Lubrizol SLF6006 | Polyolefin amide alkeneamine (C17+); 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, 16.2.9 | Lubrizol |

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| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|---------------------|--|-----|--|--------------|-------------|-----|-----|----|----|------|-------|----|-----|------|---|----|-----|-----|-------------------------------------|--------------------------------------|
| MAR660P | Calcium long chain alkyl (C18-C28) salicylate and mineral oil | SGP | DZA, ARG, AUS, BHS, BEL, BRA, CAN, CYM, CHN, COL, EGY, FRA, DEU, GRC, HKG, IND, IDN, ITA, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, ZAF, ESP, TUR, ARE, GBR, USA | 06/09/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19, 16.2.6, 16.2.9 | Chevron Oronite |
| MPG Basic | Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether; Sodium methylate | USA | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19.6 | Dow Chemical Company |
| NH 758A | Isopropyl alcohol | NOR | All countries | | None | Z | S/P | 2 | 2G | Cont | Inert | T5 | IIB | No | R | F | AC | No | 15.19, 16.2.9 | Clariant Oil Services Scandinavia AS |
| NORLIG SA LIQUID | Calcium lignosulphonate solutions | ZAF | BRA, CYM, DJI, EGY, JPN, KEN, NOR, SGP, ESP, TUR, TZA | 01/04/16 | 31/12/19 | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 16.2.6 | LignoTech South Africa |
| OLOA 273 Distillate | Alkylphenols (C10-C18, C12 rich) | FRA | DZA, AUS, BHS, BEL, CYM, CHN, ECU, EGY, DEU, GRC, HKG, IND, IDN, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, SGP, ZAF, ESP, TUR, ARE, GBR, USA | 22/09/16 | 31/12/19 | X | S/P | 1 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |

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 |
|-------------|---|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|-----------------------------|-----------------|
| OLOA 760A | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 760SA | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 865G | Calcium long chain alkyl phenate sulphide (C8-C40) | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 4594R | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 4594RS | Calcium alkaryl sulphonate (C11-C50); Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 8888 | Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Chevron Oronite |
| OLOA 9790F | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 9999 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 16310 | Calcium alkyl (C10-C28) salicylate; Long chain alkylphenol (C14-C18) and mineral oil | SGP | AUS, CHN, FRA, HKG, IND, IDN, JPN, MYS, NZL, PHL, KOR, THA, USA | 29/11/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | R | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |

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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 |
|------------|---|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|-------------------------------------|-----------------|
| OLOA 48014 | Calcium long chain alkyl (C18-C28) salicylate; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6, 16.2.9 | Chevron Oronite |
| OLOA 48018 | Calcium long chain alkyl (C18-C28) salicylate and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 49819 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 49822 | Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 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) toluenesulfonic acid,calcium salts,high overbase and mineral oil | SGP | ARG, AUS, BHS, BEL, CAN, CYM, CHN, COL, ECU, EGY, FRA, DEU, GRC, HKG, IND, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, ZAF, ESP, THA, TUR, GBR, USA | 15/11/18 | 31/12/21 | Y | S/P | 2 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Chevron Oronite |

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 |
|------------|---|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|-----------------------------------|-----------------|
| OLOA 49836 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase and mineral oil | SGP | ARG, AUS, BHS, BEL, CAN, CYM, CHN, COL, ECU, EGY, FRA, DEU, GRC, HKG, IND, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, ZAF, ESP, THA, TUR, GBR, USA | 15/11/18 | 31/12/21 | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6, 16.2.6 | Chevron Oronite |
| OLOA 49888 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 50908 | Calcium long chain alkyl salicylate (C13+) | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 54000 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| 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 | Chevron Oronite |
| OLOA 55501 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 58000 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |

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

| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|------------|--|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|---|-----|-----|-----------------------------------|-----------------|
| OLOA 59077 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 59122 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 59168 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Polyolefin amide alkeneamine polyol and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 59211 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, borated; Polyolefin amide alkeneamine polyol and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 59716 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 59726 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 59762 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron 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 | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | 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 | Cont | No | - | - | Yes | R | T | ABC | No | 15.12.3, 15.12.4, 15.19.6, 16.2.6 | Chevron Oronite |

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 |
|-------------|--|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|--|-------------------------|
| OLOA 65747 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| OLOA 68006 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 99470E | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, low overbase; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA 99480 | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, borated; Zinc alkyl dithiophosphate (C3-C14) and mineral oil | SGP | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron |
| OLOA275JR | Calcium long chain alkyl (C18-C28) salicylate 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 | Chevron |
| PARA16592A | Naphthalene (molten); and Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19 | Nalco Champion |
| Paraset 29H | Alkyl (C5-C8) benzenes; Poly (2+)cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| Paraset 32S | Alkyl (C9+) benzenes; Poly (2+)cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| PE CIW-NO | Aniline | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | No | 15.12, 15.17, 15.19.6 | Halliburton AS |
| Pentylol | n-Amyl alcohol and sec-Amyl alcohol | ZAF | All countries | | None | Y | S/P | 3 | 2G | Cont | No | T2 | IIB | No | R | FT | AC | No | 15.12.3, 15.12.4, 15.19.6 | Sasol |
| Pilot 140 | Alkyl (C9+) benzenes; Poly (2+)cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| Pilot 150H | Alkyl (C9+) benzenes; Poly (2+)cyclic aromatics | GBR | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Petrochem Carless |
| R-50359 | Naphthalene (molten); Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| RAW C5 | 1-3-Cyclopentadiene; Isoprene | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | ABC | No | 15.12, 15.14, 15.17, 15.19.6, 16.6.2, 16.6.3 | Sabik UK Petrochemicals |

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

| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|--------------------|---|-----|---|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|--|-------------------------|
| RBHC (Exxon Mobil) | Heptane; Benzene | FRA | All countries | | None | X | S/P | 2 | 2G | Cont | No | T3 | IIA | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | ExxonMobil |
| RM192D | Calcium long chain alkyl phenate sulphide (C8-C40); Zinc alkyl dithiophosphate (C3-C14) and mineral oil | FRA | DZA, AGO, AUS, BHS, BEL, CYM, CHN, EGY, DEU, GRC, HKG, IND, IDN, ITA, JPN, LBR, MYS, NLD, NZL, NOR, PAN, PHL, KOR, SGP, ZAF, TUR, ARE, GBR, USA | 19/06/17 | 31/12/20 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| SASC2013 | Sodium hydroxide (30% or less)/Sodium aluminate (25% or less) solution | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19 | Merichem |
| SBM CL-NO XL | Boric acid | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | Yes | 15.12, 15.17, 15.19, 16.2.6 | Halliburton Scandinavia |
| SBM DFS-H15 | Potassium iodide; Aniline | NOR | DNK, GBR | 23/06/17 | 31/12/20 | Y | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | Yes | 15.11, 15.12, 15.17, 15.19 | Halliburton |
| SBM DM Preflush | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | R | T | AC | No | 15.12.3, 15.12.4, 15.19 | Halliburton AS |
| SBM NSA-NO | Acetic acid | NOR | DNK, GBR | 23/06/17 | 31/12/20 | Y | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | 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 | Halliburton |
| SCAL11360A | Hydrochloric acid | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | | Nalco Champion |
| SCAL11650A | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| SCAL13050A | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| SCAL13070A | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | | Nalco Champion |
| SCAL13120A | Ethylene glycol; 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 16.2.9 | Nalco Champion |
| SCAL13130A | Ethylene glycol; 2-Propene-1-aminium,N,N-dimethyl-N-2-propenyl-,chloride, homopolymer | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |

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 |
|-------------------------|---|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|---|--------------------------------------|
| SCAL13190A | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Nalco Champion |
| SCAL14139A | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Nalco Champion |
| SCAL16312A | Formic Acid (over 85%) | GBR | DNK, NLD, NOR | 07/02/18 | 31/12/21 | 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, 15.12.3.2, 15.17, 15.19 | Nalco Champion |
| SCAL16359A | Ethylene glycol | GBR | NLD, NOR | 01/09/17 | 31/12/20 | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | 15.19.6 | Nalco Champion |
| SCALETREAT 14345 | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Clariant Oil Services Scandinavia AS |
| SCALETREAT SD 12154 | Potassium hydroxide solution | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | NF | C | No | No | No | 15.17, 15.19, 16.2.9 | Clariant Oil Services Scandinavia AS |
| SCALETREAT SD 12392 | Acetic acid | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | Yes | R | No | AC | No | 15.11.2, 15.11.3, 15.11.4, 15.11.6, 15.11.7, 15.11.8, 15.17, 15.19.6, 16.2.9 | Clariant Oil Services Scandinavia AS |
| SCALETREAT TP 8385 | Ethylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Clariant Oil Services Scandinavia AS |
| SCALETREAT TP 8441 Bulk | Hydrochloric acid | NOR | NLD, GBR | 12/02/17 | 31/12/20 | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Clariant Oil Services Scandinavia AS |
| SCALETREAT XL36 | Calcium chloride solution; Maleic acid/allyl sulphonic acid copolymer with phosphonate groups, partial sodium salt (aqueous solution) | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | ABC | No | | Clariant Oil Services Scandinavia AS |
| SCAVTREAT 15211 | Ethanoltriazine (aqueous solution) | NOR | DNK, NLD, GBR | 07/06/17 | 31/12/20 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19 | Clariant Oil Services Scandinavia AS |
| SCAVTREAT 15666 | Formaldehyde solutions (45% or less) | NOR | NLD, GBR | 07/11/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | T2 | IIB | No | C | FT | AC | No | 15.12, 15.17, 15.19 | Clariant Oil Services Scandinavia AS |
| SCW82127 | [[[(phosphonomethyl) imino]bis [ethylenenitriobis(methylene)]] tetrakisphosphonic acid, ammonium salt solution | GBR | GHA, NOR | 13/04/17 | 31/12/20 | Z | S/P | 3 | 2G | Open | No | - | - | Yes | R | No | ABC | No | 15.19.6 | Baker Hughes |

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|------------------------------|---|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|-----|---|--------------------------------------|
| SCW85780 | Polyphosphoric acids, esters; Triethanolamine, sodium salts | GBR | NLD, NOR | 13/01/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | R | No | AC | No | 15.19.6, 16.2.6, 16.2.9 | Baker Hughes |
| SD-4108 | Acetic acid | NOR | NLD, GBR | 20/04/18 | 31/12/21 | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Schlumberger Production Technologies |
| SD-4127 | Acetic acid; 1,3,5-Hexahydrotriethanol-1,3,5-triazine | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19 | MI SWACO |
| SD-4206 | Sodium hydroxide solution | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | NF | R | No | No | No | 15.17, 15.19.6 | Schlumberger Production Technologies |
| SD-4820 | Formic acid | NOR | NLD, GBR | 02/09/16 | 31/12/19 | 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, 15.19.6 | Schlumberger Production Technologies |
| Secure SC2020 | 3-(Triethoxysilyl)propylamine | NOR | All countries | | None | Z | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19 | Nalco Champion |
| SI-4113 | Propylene glycol | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | MI-SWACO |
| SI-4126 | Ethylene glycol monoalkyl ethers | NOR | DNK, NLD, GBR | 02/12/16 | 31/12/19 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19.6 | Schlumberger Production Technologies |
| SI-4135 | Sodium hydroxide solution | NOR | NLD, GBR | 03/05/18 | 31/12/21 | Z | P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Schlumberger Production Technologies |
| SI-4142 | 2,6-Diaminohexanoic acid phosphonate mixed salts solution | NOR | DNK, NLD, GBR | 04/11/16 | 31/12/19 | Z | S/P | 3 | 2G | Cont | No | - | - | NF | R | No | No | No | 15.11, 15.17 | Schlumberger Production Technologies |
| SI-4154 | Ethanolamine | NOR | NLD, GBR | 11/04/16 | 31/12/19 | Y | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | 15.19.6 | Schlumberger Production Technologies |
| SI-4168 | Ethylene glycol | NOR | NLD, GBR | 02/03/16 | 31/12/19 | Z | S/P | 3 | 2G | Cont | No | - | - | Yes | C | T | AC | No | 15.12, 15.17, 15.19.6 | Schlumberger Production Technologies |
| SI-4489 | 2,6-Diaminohexanoic acid phosphonate mixed salts solution | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | NF | O | No | No | No | | Schlumberger Oilfield Services |
| Solidless Kill Pill Weighted | Sodium bromide solution (less than 50%) | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | NF | C | T | No | No | 15.12, 15.17, 15.19.6, 16.2.6, 16.2.9 | Halliburton AS |
| Solvesso 150 | Naphthalene | BEL | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | ExxonMobil |
| Solvesso 150 ND | Alkyl (C3-C11) benzenes | BEL | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | ExxonMobil |

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 |
|-------------------------|---|-----|---|--------------|-------------|-----|-----|----|----|------|-------|----|-----|------|---|----|-----|-----|-------------------------------------|---|
| Solvesso 200 | Naphthalene | BEL | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | ExxonMobil |
| Solvesso 200 ND | Alkyl naphthalenes | BEL | All countries | | None | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | ExxonMobil |
| SOLVTREAT 3030 | Alkanes (C10-C26), linear and branched (flashpoint >60°C); Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | R | No | ABC | No | 15.19.6 | Clariant Oil Services Scandinavia AS |
| SOLVTREAT 3062 | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | - | - | Yes | R | No | AC | No | 15.19.6 | Clariant Oil Services Scandinavia AS |
| SOLVTREAT 12093 | Ethylene glycol monoalkyl ethers | NOR | All countries | | None | Z | S/P | 3 | 2G | Open | No | - | - | Yes | O | No | AC | No | | Clariant Oil Services Scandinavia AS |
| SURFLO PLUS® SFPEC1610A | Ethylene glycol monoalkyl ethers | GBR | All countries | | None | Y | S/P | 3 | 2G | Cont | No | T3 | IIB | No | C | FT | AC | No | 15.12.3, 15.12.4, 15.19.6 | Nalco Champion |
| SURFOM CS 5015 | Ethoxylated tallow amine | BRA | All countries | | None | X | S/P | 2 | 2G | Cont | Inert | - | - | Yes | C | T | ABC | Yes | 15.12, 15.17, 15.19, 16.2.6, 16.2.9 | Oxiteno Nordeste S/A Industria e Comercio |
| Talumar B | Calcium long chain alkyl phenate sulphide (C8-C40); Calcium alkaryl sulphonate (C11-C50) | USA | AUS, CYM, CHN, CYP, FRA, HKG, IDN, LBR, MLT, MHL, NOR, PAN, KOR, SGP, GBR | 15/03/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | R | No | ABC | No | 15.19.6, 16.2.6 | Lubrizol |
| Talumar R | Alkyl (C18-C28) toluenesulphonic acid, calcium salts, high overbase; Calcium long chain alkyl phenate sulphide (C8-C40) and mineral oil | SGP | PAN | 13/12/16 | 31/12/19 | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19, 16.2.6 | Chevron Oronite |
| TRETOLITE DMO86958 | Alkylbenzenes mixtures (containing naphthalene) | GBR | CYP, NOR | 26/09/18 | 31/12/21 | X | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | ABC | No | 15.12, 15.17, 15.19.6 | Baker Hughes |
| Ucarsol | Piperazine (68% solution) | USA | All countries | | None | Y | S/P | 2 | 2G | Cont | No | - | - | Yes | C | T | AC | Yes | 15.12, 15.17, 15.19, 16.2.6, 16.2.9 | Dow Chemical |
| Vertiscreen 052R | Ethyl alcohol | NOR | All countries | | None | Z | S/P | 3 | 2G | Cont | No | T2 | IIA | No | R | F | AC | No | 15.19.6 | Vertical |
| VX 8925 | Naphthalene; Alkyl (C5-C8) benzenes | GBR | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T2 | IIB | No | C | FT | ABC | No | 15.12, 15.17, 15.19.6 | Nalco Champion |
| Waksol 911 A | n-Alkanes (C9-C11); Paraffin wax | ZAF | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | R | FT | ABC | No | 15.12.3, 15.12.4, 15.19.6, 16.2.9 | Sasol |

TRIPARTITE AGREEMENTS

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

Company

| Trade Name | Contains | Rep | Countries | Receive Date | Expiry Date | Cat | D | ST | F | G | H | I' | I'' | I''' | J | K | L | N | O | Company |
|--------------|----------------------------------|-----|---------------|--------------|-------------|-----|-----|----|----|------|----|----|-----|------|---|----|-----|----|---|--------------|
| Waksol 911 B | n-Alkanes (C9-C11); Paraffin wax | ZAF | All countries | | None | Y | S/P | 2 | 2G | Cont | No | T3 | IIA | No | R | FT | ABC | No | 15.12.3, 15.12.4, 15.19.6, 16.2.6, 16.2.9 | Sasol |
| XLW-2L | Borax | USA | NOR, GBR | 08/05/18 | 31/12/21 | Y | S/P | 3 | 2G | Cont | No | - | - | Yes | R | No | AC | No | 15.19.6 | Baker Hughes |
