

APPENDIX 1 - DISPERSANTS APPROVED FOR USE IN SINGAPORE WATERS

| PRODUCT NAME | SAMPLE SUBMITTED BY |
|---|--|
| 0142 SDLTX | Shell Eastern Petroleum (Pte) Ltd |
| 0143 BUKOM KLEEN | Shell Eastern Petroleum (Pte) Ltd |
| 3H6 | Hong Huat Hung Ind Pte Ltd |
| A 3510 CONCENTRATED OIL SPILLAGE DISPERSANT (CONCENTRATE) (1+9) | Apex Chemicals (S) Pte Ltd |
| A-510 | Apex Marketing & Services (S) P L |
| A8-401 (SOLVENT BASED) | Applied Chemicals (S) Pte Ltd |
| ACE 7013 OIL SPILL DISPERSANT | Ace Chemical International Pte Ltd |
| ACTIVE 55 OIL SPILL DISPERSANT | Active Chemicals Industry |
| AGMA OSD SUPERCONCENTRATE | Lucey Export Supply (P) Ltd |
| AKRON SUPER OIL SPILL DISPERSER | Akron (S) Pte Ltd |
| AMERICHEM 841 | American International Industries |
| AQ2000 OIL SPILL DISPERSANT BIODEGRADABLE | Eco-Logix Pte Ltd |
| AQUAQUICK 2000 | East Asia Maritime Pte Ltd |
| ARROW EMULSOL L W | William Jacks & Co (S) Pte Ltd |
| AT - 502B | A.T. Chemical Pte Ltd |
| AT 502 | A.T. Chemical Pte Ltd |
| AT 502 OIL SPILL DISPERSANT | A T Engineering & Trading P L |
| AT 780 WATER BASE OIL SPILL A.T. (CONCENTRATE) (1+15) | A.T. Chemical Pte Ltd |
| B | F-J Marketing Services |
| B.P. EX 1 | B P Singapore Pt Ltd |
| BANNER OSD-LTX (SAMPLE B) | Banner Chemicals & Services P L |
| BASOL COASTGUARD S OIL DISPERSANT | Basol (S) Pte Ltd |
| BATCH #Q0120 (IMPROVE COLLOIDAL SPILL CLEANUP AGENT) (CONCENTRATE) (1+15) | Unique Product Inc |
| BATCH #Q0120 (IMPROVE COLLOIDAL SPILL CLEANUP AGENT) (CONCENTRATE) (1+30) | Unique Product Inc |
| BC-SL50 | Beston Chemical Pte Ltd |
| BELL 6062 OIL SPILL DISPERSANT | Continental Chemical (Far East) P L |
| BIO SOLVE (CONCENTRATE) (3+97) | Specialty Singapore |
| BIOSOLVE SPILL RX | Chemrez Technologies, Inc |
| BN | F-J Marketing Services |
| BP 1100WD (CONCENTRATE) (1+9) | BP Singapore Pte Ltd |
| BP 1100X | BP Singapore Pte Ltd |
| BP Dispersant S | BP Singapore Pte Ltd |
| C-295 SPECIAL | Cito Corporation (S) P L |
| C-295 SPECIAL | Cito Corporation Pte Ltd |
| CAMI OSD-1B | Ng Teow Yhee & Sons (P) Ltd |
| CASTROL OIL SPILL DISPERSANT | Castrol (Far East) Pte Ltd |
| CASTROL TECHNICLEAN OSD 1 | Castrol Singapore Pte Ltd |
| CB 602 (CONCENTRATE) (1+9) | KSL Marketing & Services |
| CHEMFORM - QUICK BREAK | Chemical Formulators Pte Ltd |
| CHEMKLEEN OSDA-JAC | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA - N | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA - NY | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA JAC | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA-CD (1+9) | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA-LTX | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA-NY | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA-NY | Chemitreat Pte Ltd |
| CHEMKLEEN OSDA-NY (1+0) | Chemitreat Pte Ltd |
| CHEMLEEN OSDA-CD (CONCENTRATE) (1+9) | Chemitreat Pte Ltd |
| CHEMLEX OSD-OIL SPILL DISPERSER & EMULSIFIER | Chemlex (F.E.) Pte Ltd |
| CHEMPAC OIL SPILL DISPERSANT | Chempac International |
| CHEM-SLICK | Chemical Manufacturers P L |
| CHIMISOL TC66 SUPERDETERGENT | Ng Teow Yhee & Sons (S) Pte Ltd |
| CHIMSPERSE 2000 SG | Chimec Asia Pacific Pte Ltd |
| CITO C-290 | Cito Corporation (S) Pte Ltd |
| COREXIT 3076 (CONCENTRATE) (1+9) | Energy Chemicals Asia Pacific (Exxon Chemical Simco Pte Ltd) |
| COREXIT 8667 | Esso Singapore Pte Ltd |

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| COREXIT 9500 (CONCENTRATE) (1+3) | Nalco/Exxon Energy Chemical P L |
| COREXIT 9503 (CONCENTRATE) (1+4) | Energy Chemicals Asia Pacific (Exxon Chemical Simco Pte Ltd) |
| COREXIT 9517 (CONCENTRATE) (1+4) | Essochem International Ltd |
| COREXIT 9527 OIL DISPERSANT (CONCENTRATE) (1+9) | Exxon Chemicals Singapore |
| DALCHEM DISPERSE | Enerchem (S) Pte Ltd |
| DASIC PRODUCT, SLICKGONE L. T.2 | Kampmas Pte Ltd |
| DASIC SLICKGONE L.TSW | Dasis International Ltd |
| DASIC SLICKGONE NS | Dasic International Ltd |
| D'BOND OIL SPILL DISPERSANT | CSG Industries Pte Ltd |
| DISPEREP 8 (CONCENTRATE) (1+9) | Aimecs Technologies |
| DISPERS IT/SPILL GONE | Gaines Laboratories Pte Ltd |
| DOLPHIN D-100 OIL REMOVING AGENT | OSCO Columbia Shipping Services P L |
| DREWCLEAN OS | Drew Amerold (S) Pte Ltd |
| DUPREX OSD | McAsia Contract Manufacturing |
| DX-21 (A non-solvent biodegradable) | Halimah Trading |
| EC6A | Green Clean Dynamics Pte Ltd |
| ECO-SAFE OIL SPILL DISPERSANT | Admiral Chemical Supplies |
| EMULSOL L.W. | Golden Arrow Chemicals Pte Ltd |
| EMULSOL lw | Teclu Pte Ltd |
| ENERSPERSE 1037 (CONCENTRATE) (1+9) | BP Singapore Pte Ltd |
| ENERSPERSE 1100 | BP Singapore Pte Ltd |
| ENVIENG OSD (CONCENTRATE) (1+9) | Envieng Pte Ltd |
| ENVIR OSD 63 | Northland Pte Ltd |
| EUROLUBE OSD - CD (CONCENTRATE) (1+6) | United Resources Marketing Svc P L |
| EVERTEC ETC403 OIL SPILL DISPERSANT | Kwong Soon Chings Trading (S) P L |
| F.O.S.S. X-3125 | Marinetrade (Singapore) Pte Ltd |
| FALCHEM SB OIL SPILL DISPERSANT | Enerchem (S) Pte LTd |
| FC 602 | Falchem (S) Pte Ltd |
| FINASOL OSR 2 | Paterson, Simons & Co (S) P L |
| FINASOL OSR 52 OIL SPILL DISPERSANT (1+30) | Totalfinaelf (S.E. Asia) Pte Ltd |
| FORMULA 1111 (EURO-OIL SPILL DISPERSANT) WATER BASE | United Resources Marketing Svcs P L |
| FORMULA 2000 | United Resources Marketing Svcs P L |
| FORMULA 3070 OSD NATURAL CITRUS SOLVENT (CONCENTRATE) (1+6) | United Resources Marketing Svc P L |
| FORMULA 3080 UPGRADE ENVIRON OIL SPILL DISPERSANT (WATER BASE) | United Resources Marketing Svcs P L |
| FORMULA 3081 CITRUS OSD/WATER BASE | United Resources Marketing Svcs P L |
| GAMLEN OIL DISPERSANT - LT | Gemlen (Australasia) Pte Ltd |
| GIBSON OIL SPILL DISPERSANT, SPERSOL | Bolter & Simon (Pte) Ltd |
| G-LOX | Guardian Laboratories Pte Ltd |
| GOLD COAST - PREMIER 99 | Lubricol Marketing Services |
| GOLD CREW SAMPLE #1026 (CONCENTRATE) (1+10) | Alton International (S) Pte Ltd |
| GOLDKEM 3101 (A) (SOLUBLE OIL SPILL DISPERSANT) (CONCENTRATE) (1+9) | CSC Kemico Pte Ltd |
| GOLDKEM 3101 (S) (SOLVENT BASE) | CSC Kemico Pte Ltd |
| HEXAPROTE 6.141 | Hexol Chemicals (S) Pte Ltd |
| HEXAPROTE 6.141 | A.I.M. Chemical Industries P L |
| HEXAPROTE 6147 OSD | A.I.M. Chemical Industries Pte Ltd |
| HILLBRO OSD - 300 (CONCENTRATE) (1+5) | Hillbro Chemicals and Trading |
| HILOX | Western Agencies Pte Ltd |
| HYDROSOL SE-4 | The Babbit Trading Pte Ltd |
| INIPOL IPC (CONCENTRATE) (1+9) | Atochem South East Asia Pte Ltd |
| JW-602 | J & W Marketing Singapore |
| JW-602 | J & W Marketing |
| KAY KLEEN | Kay Hin |
| KD-800 | Hydrochem (S) Pte Ltd |
| KLEN 1808 | Klenco (Singapore) P L |
| KLEN 1808 | Klenco (Singapore) Pte Ltd |
| MAGNA 1100 | Magna (Far East) Chemical P L |
| MAGNA 1100 (OSD) | Magna (F.E.) Chemical P L |
| MAGNUS MAGNOTOX | Economics Laboratory (S) P L |
| MAR-KEM C-KLEEN 1 | Mar-Kem (Far East) Pte Ltd |
| MARKEM C-KLEEN 2 | Mar-Kem (Far East) Pte Ltd |
| MARKEM DISPERSANT "SAMPLE-3" (CONCENTRATE) (1+10) | Markem (Far East) Pte Ltd |
| MASTER O.S.D. | Master International Asia Pacific Sales & Marketing H.Q. : Master Chemical |

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| MATSUMOTO "SEAGREEN 805" | Kashiwa Co Ltd |
| MEBD/21 - 0119 SDLBX | Shell Eastern Petroleum (Pte) Ltd |
| MM3213 PREMIUM OIL DISPERSANT MR MCKENIC (1+1) | Isochem International Pte Ltd |
| MILEX PLUS CONCENTRATED | Kian Gwan Engineering P L |
| MILEX PLUS RATIO 1:10 | Kian Gwan Engineering P L |
| MILEX PLUS RATIO 1:5 | Kian Gwan Engineering P L |
| MM OSD - LOW TOXICITY | Magnus Maritec International Inc |
| NALFLEET MAXICLEAN 2 | Nalco Pacific Pte Ltd |
| NATURES' WAY | J & W Marketing |
| NATURES' WAY OIL SPILL DISPERSANT (CONCENTRATE) (1+20) | Advance Environmental Control |
| NC 1602 OIL SPILL DISPERSANT | Nejilock Technologies Pte Ltd |
| NEOS AB 3000 | Neos Chemical Singapore Ltd |
| NEOS AB3000t | Neos Chemical (S) Pte Ltd |
| NORCHEM OSD 570 | Goldcrest International |
| NORCHEM OSD 570 | Goldcrest International |
| NORCHEM XCELL 58 SEACARE OSR | Goldcrest International Spore Pte Ltd |
| NUTRO PRODUCTS CORPN SDK-706 | UNO Technical Supply Co |
| OGR-200 | Calfonex Enterprises |
| OIL DISPERSANT OSDA | Chemitreat Pte Ltd |
| OIL GONE H.D./OIL AWAY H.D. (CONCENTRATE) (1+9) | Gaines Laboratories Pte Ltd |
| OIL SPILL DISPERSANT | Aqua Chemicals (S) P L |
| OIL SPILL DISPERSANT | Cramoil Trading Company |
| OIL SPILL DISPERSANT A | Protek Chemicals & Engrg P L |
| OIL SPILL DISPERSANT AT-1 | Singmarine Dockyard & Engrg P L |
| OIL SPILL DISPERSANT B | Protek Chemicals & Engrg P L |
| Oil Spill Dispersant Formula 3081 | United Resources Marketing Services Pte Ltd |
| OIL SPILL DISPERSANT 90 | F-J Marketing Services |
| OIL SPILL DISPERSANT 106 | F-J Marketing Services |
| OIL SPILL DISPERSANT 112 | F-J Marketing Services |
| OIL SPILL DISPERSANT N/F | Chemo Hellas Ltd |
| OIL SPILL DISPERSANT/LT | Drew Ameroid (Singapore) Pte Ltd |
| OIL SPILL EMULSIFIER NO. 1 | Drew Ameroid (S) P L |
| OIL SPILL EMULSIFIER#1 | Drew Ameroid (Singapore) Pte Ltd |
| OILCHEM W-320 | Oilchem Pte Ltd |
| OILL SPILL DISPERSANT 7013 (BATCH 990526) | D & R Chemicals |
| OILSPILKLEEN (CONCENTRATE) (1+10 FRESH WATER) | Chemical Laboratory (S) P L |
| OSD "A" | Diversey (Far East) Pte Ltd |
| OSD "B" | Diversey (Far East) Pte Ltd |
| OSD "E" | Diversey (Far East) Pte Ltd |
| OSD 540 | Kim Song Hardware & Oilfield Supply Pte Ltd |
| OSD LT 200 | Singapore Institute of Standards & Industrial Research |
| OSD S1 | Singapore Institute of Standards & Industrial Research |
| OSD S2 | Singapore Institute of Standards & Industrial Research |
| OSD S3 | Singapore Institute of Standards & Industrial Research |
| OSD S4 | Singapore Institute of Standards & Industrial Research |
| OSD S5 | Singapore Institute of Standards & Industrial Research |
| OSD YC-99 (YUDHISTIRA CHEMICALS) (CONCENTRATE) (1+5) | PT Yudhistira Surya Graha |
| OSDA XE-10 | Chemitreat Pte Ltd |
| OSDA-N (7 MAY 1990) | Chemitreat Pte Ltd |
| OSR L.T. | Gamlen Chemical Co (Australasia) |
| PCM OSD-20 | Piaget Chemicals & Manufacturing |
| PCM-OSD-50 (CONCENTRATE) (1+9) | Piaget Chemicals & Manufacturing |
| PCM-OSD-60 (CONCENTRATE) (1+9) | Piaget Chemicals & Manufacturing |
| PENACARE 768 | Eastern Lloyd (Trading) P L |
| PERP - KLEAN 868 | Eastern Lloyd (Trading) P L |
| PETROTECH PTI - 25 BATCH #32 PR | Petrotech Industries Ltd |
| PROACT 4050 (1+10) | Proact Chemicals (S) Pte Ltd |
| RAPIDSPERSE | Rapid-Kleen Trdg & Services |
| REDOX | Redox Chemical Pte Ltd |
| REDOX OIL SPILL DISPERSANT | Redox Chemical Pte Ltd |

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| REDOX OSD (M) | Redox Chemical Pte Ltd |
| REDOX PREMIUM GRADE OIL SPILL DISPERSANT | Redox Chemical Pte Ltd |
| ROCHEM OIL SPILL DISPERSANT (CONCENTRATE) (1+4) | C F Sharp Trading Co Pte Ltd |
| ROCHEM OSR WSA | Rochem Asia Ltd |
| RO-OSD (WATER BASE) FORMULA 3080 | United Resources Marketing Svc P L |
| SC-1000 COLLOID CLEANER (CONCENTRATE) (1+20) | I-Zen Singapore |
| Seacare EPA | Unitor Ships Service (S) Pte Ltd |
| SEACARE OSD | Unitor Ships Svs (S) P L |
| Seacare OSD | Unitor Ships Service (S) Pte Ltd |
| SEACLEAN | Barnes Enterprise |
| SEACLEAN III | Barnes Chemicals & Engrg P L |
| SEACLEAN L T LAB | Gamlen Chemical Co (Australasia) |
| SEASCAPE | Strongchem |
| SERVO CD 2000 | Servo Singapore |
| SHELL DISPERSANT VDC (CONCENTRATE) (1+9) | Shell Chemical Co of S'pore |
| SLICKGONE L.T.E. (CONCENTRATE) (1+7) | Kampmas Pte Ltd |
| SLICKGONE LT4 | Dasic International Ltd |
| SLICKGONE LTD (CONCENTRATE) (1+7) | Kampmas Pte Ltd |
| SLICKGONE LTSW (CONCENTRATE) (1+9) | Dasic International Ltd |
| SMF-400 | Bulk Trade Pte Ltd |
| SOILAX OSD (CONCENTRATE) (1+9) | Economics Laboratory (S) P L |
| SOILAX SEA CLEANER (CONCENTRATE) (1+9) | Economics Laboratory (S) P L |
| SOLUTION 2000 | Korex Industrial Product (S) Pte Ltd |
| SPILCARE-88 | Spilcare-O Metaclen Pvt Ltd |
| SPILCARE-TS | Spilcare-O Metaclen Pvt Ltd |
| SUPERDISPERSANT 25 | Seahorse Limited |
| SUPERIOR SC-664 | Superior Chemicals & Equipment |
| SUPERKLEEN OIL SPILL DISPERSANT | Schirmer's Oilfield Supp & Serv |
| Tech OSD 606A/LT | Performance Janitorial Supplies |
| TOHO EMULSON E-390 | Toyo Menka Kaisha Ltd |
| TRIKEM 602 | Trikem Chemicals Pte Ltd |
| VECOM - B - 14-25 GL | Vecom Singapore (Pte) Ltd |
| VECOM B-14-25 GL | Vecom (S) Pte Ltd |
| WALI - 7013 | TSC Chemicals (S) Pte Ltd |
| WELSON OSD-SB | Welson Chemical Ltd |
| WELSON OSD-WB | Welson Chemical Ltd |
| WM 610 OIL SPILL DISPERSANT | Waresquip Marketing |
| XE-10A | Chemitreat Pte Ltd |
| XE-42 | Chemitreat Pte Ltd |
| XE-DOS | Chemitreat Pte Ltd |
| YUNISOL FL-70 | Guan Hock Trading Co (P) Ltd |
| ZM 602 | Zonex marketing Pte Ltd |