



Ref. T5/5.01

MEPC.2/Circ.9/Corr.1  
23 January 2004

## PROVISIONAL CATEGORIZATION OF LIQUID SUBSTANCES

### Corrigenda

In MEPC.2/Circ.9, the following two errors have been identified:

- .1 In annex 1 isobutyl methacrylate was missing (Secretarial error); and
- .2 In annex 12, some erroneous markings were present instead of the appropriate text (Computer system malfunction);

As a result, amended annexes 1 and 12 are attached to this document and you are kindly requested to replace the original annexes with these.

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**IMO Tripartite Agreement List 1 - Pure and technically pure substances**  
**Potential entries to the IBC Code**

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I'	I''	J	K	L	M	N	O
Acetonitrile (Low purity grade)	J	K	12/04/03	17/12/06	D	S/P	2	2G	Cont	No	T2	IIA	No	R	F-T	A	-	E	15.12, 15.17, 15.19.6
Alcohol (C9-C11) poly (2.5-9) ethoxylate	G	All countries	21/04/95	None	B	P	3	2G	Open	No			Yes	O	No	A		No	15.19.6, 16.2.6
Alcohol (C12-C16) poly(1-6)ethoxylates		All countries		None	A	P	2	2G	Open	No			Yes	O	No	A		No	15.19.6
Alcohol (C12-C16) poly(20+)ethoxylates		All countries		None	C	P	3	2G	Open	No			Yes	O	No	A		No	
Alkenyl (C16-C20) succinic anhydride	US	All countries	06/07/98	None	D	S	3	2G	Cont	No			Yes	C	T	No		E	15.12, 15.17, 15.19
Alkylaryl phosphate mixtures (more than 40% Diphenyl tolyl phosphate, less than 0.02% ortho-isomers)	D	All countries	28/09/98	None	A	S/P	1	2G	Cont	No	T1	IIA	Yes	C	T	ABC		No	15.12, 15.17, 15.19
Alkylated (C4-C9) hindered phenols	US	All countries	08/06/00	None	D	S	3	2G	Open	No	-	-	Yes	O	No	BD		No	15.19.6
Alkyl (C11-C17) benzene sulphonic acid	US	All Countries	27/08/87	None	B	S/P	3	2G	Open	No			Yes	O	No	A		No	16.2.7, 16.2.8
Alkylbenzene sulphonic acid, sodium salt solution	US	All countries		None	C	P	3	2G	Open	No			NF	O	No	No		No	16.2.7 to 16.2.9
Alkyl (C12+) dimethylamine	US	All countries	10/06/99	None	A	S/P	1	2G	Cont	No	-	-	Yes	C	T	BCD		E	15.12, 15.17, 15.19
Alkyl dithiocarbamate (C19-C35)	US	All countries	12/09/97	None	D		NA												
Alkyl ester copolymer (C4-C20)	US	All countries	21/04/95	None	D		NA												
Alkyl (C8-C10)/(C12-C14):(40% or less/60% or more) polyglucoside solution (55% or less)	D	All countries	23/09/96	None	B	P	3	2G	Open	No			Yes	O	No	No		No	15.19.6, 16.2.6, 16.2.9
Alkyl (C8-C10)/(C12-C14):(60% or more/40% or less) polyglucoside solution(55% or less)	D	All countries	23/09/96	None	C	P	3	2G	Open	No			Yes	O	No	No		No	16.2.7, 16.2.9
Alkyl (C8-C40) phenol sulphide	US	All countries	23/09/96	None	D		NA												
Alkyl (C8-C9) phenylamine in aromatic solvents	US	All countries	21/04/95	None	A	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
Alkyl (C9-C15) phenyl propoxylate	US	All countries	14/01/99	None	III		NA												
Alkyl (C8-C10)/(C12-C14):(50%/50%) polyglucoside solution (55% or less)	D	All countries	23/09/96	None	C	P	3	2G	Open	No			Yes	O	No	No		No	16.2.7, 16.2.9
Alkyl (C12-C14) polyglucoside solution (55% or less)	D	All countries	23/09/96	None	B	P	3	2G	Open	No			Yes	O	No	No		No	15.19.6, 16.2.6, 16.2.9
Alkyl (C8-C10) polyglucoside solution (65% or less).	D	All countries	23/09/96	None	C	P	3	2G	Open	No			Yes	O	No	No		No	16.2.7, 16.2.9
Alkyl(C10-C20, saturated and unsaturated) phosphite	US	All countries	21/04/95	None	C	P	3	2G	Open	No			Yes	O	No	A		No	
Alkyl sulphonic acid ester of phenol	D	All countries	07/11/90	None	III		NA												
2-Amino-2-methyl-1-propanol	US	All countries	26/12/96	None	D		NA												
tert-Amyl methyl ether	US	All countries	07/12/95	None	C	P	3	2G	Cont	No	T3		No	R	F	A		No	15.19.6
Barium long chain (C11-C50) alkaryl sulphonate	US	All countries	06/07/98	None	B	S/P	2	2G	Open	No			Yes	O	No	AD		No	15.12.3, 15.19, 16.2.6
N,N-bis(2-hydroxyethyl) oleamide	US	All countries	21/04/95	None	B	P	2	2G	Cont	No			No	R	F	A		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2

**IMO Tripartite Agreement List 1 - Pure and technically pure substances**  
**Potential entries to the IBC Code**

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I'	I''	J	K	L	M	N	O
Butyl alcohol (all isomers)	G	All countries	06/03/96	None	III		NA												
Calcium long-chain alkyl(C5-C10) phenate	US	All countries	21/04/95	None	C	P	3	2G	Open	No			Yes	O	No	A		No	
Calcium long-chain alkyl(C11-C40) phenate	US	All countries	21/04/95	None	D		NA												
Calcium nitrate solutions (50% or less)	N	All countries	21/04/95	None	III		NA												
Chlorinated paraffins (C14-C17) (with 50% chlorine or more, and less than 1% C13 or shorter chains)		All countries		None	D		NA												
N-(3-Chloro-2-hydroxypropyl)trimethyl ammonium chloride solution (75% or less)	US	BR, LI, D, NL, N	26/05/00	17/12/04	III	S	3	2G	Open	No			NF	O	No	No	Y5	No	15.16.1
1-(4-Chlorophenyl)-4,4- dimethyl-pentan-3-one	D	All countries	23/09/96	None	B	P	3	2G	Open	No			Yes	O	No	ABD		No	15.19.6, 16.2.6, 16.2.9, 16A.2.2
Copper salt of long chain (C17+) alkanolic acid	US	All countries	06/07/98	None	D		NA												
Crude Piperazine	US	BS, D, LI, NL, N, G, PA, RS	23/01/02	17/12/05	C	S/P	2	2G	Cont	No			NF	R	T	A	N2	No	15.9.6, 16.2.7, 16.2.9
Dialkyl (C8-C9) diphenylamines	US	All countries	23/09/96	None	D		NA												
2,6-Di-tert-butylphenol	US	All countries	23/07/97	None	A	P	1	2G	Open	No	-	-	Yes	O	No	ABCD		No	15.19
Diethylaminoethanol		All countries		None	C	S/P	3	2G	Cont	No	T2	IIA	No	R	F-T	A,C	N1	No	15.19.6
Diethyl ether		All countries		None	D	S	2	1G	Cont	Inert	T4	IIB	No	C	F-T	A	N7	E	15.4, 15.14, 15.19
Diheptyl phthalate		All countries		None	D		NA												
Dihexyl phthalate		All countries		None	D		NA												
1,4-Dihydro-9,10-dihydroxyanthracene, disodium salt solution		All countries		None	D		NA												
Diisobutylene		All countries		None	B	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
Diisobutyl ketone		All countries		None	C	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
Diisooctyl phthalate		All countries		None	D		NA												
Diisopropyl naphthalene		All countries		None	A	P	2	2G	Open	No			Yes	O	No	A		No	15.19.6
N,N-Dimethylacetamide	US	All countries	22/08/00	None	D	S	3	2G	Cont	No	-	-	Yes	C	T	ACD		No	15.12, 15.17
Dimethyl disulphide	F	B, N, RS, US, G, CP, EM, J, LI, PA	09/01/03	17/12/04	B	S/P	3	2G	Cont	No	T3	IIB	No	R	F-T	B		No	15.12.3, 15.12.4, 15.19.6
N,N-Dimethyldodecylamine	J	All Countries	06/07/98	None	A	S/P	1	2G	Open	No			Yes	O	No	B	N4	No	15.19
Dimethyl octanoic acid			11/11/19		C	P	3	2G	Open	No			Yes	O	No	A		No	16.2.8, 16.2.9
2,2-Dimethylpropane-1,3-diol (molten or solution)	US	All countries	16/07/97	None	D		NA												
Diocetyl phthalate		All countries		None	D		NA												
Dipentene		All countries		None	A	P	2	2G	Cont	No			No	R	F	A		No	15.19.6

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Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I'	I''	J	K	L	M	N	O
Diphenylamine (molten)	US	All countries	06/07/98	None	B	P	3	2G	Open	No			Yes	O	No	B,D	N4	No	15.19.6, 16.2.9, 16A.2.2
1,1-Diphenylethane, Ethylenated benzene by-products	US	B, BR, D, LI, MW, ME, NL, N, PA	15/12/03	17/12/06	A	P	1	2G	Open	No	-	-	Yes	Open	No	BCD		No	15.19
Diphenylmethane diisocyanate		All countries		None	D	S	2	2G	Cont	Dry			Yes	C	T(b)	A,B,C(c),D	N5	No	15.12, 15.16.2, 15.17, 15.19.6, 16.2.6, 16.2.9, 16A.2.2
Dithiocarbamate ester (C7-C35)	US	All countries	06/07/98	None	A	P	2	2G	Open	No			Yes	O	No	AD		No	15.19.6
tert-Dodecanethiol	US	All countries	27/05/98	None	A	S/P	1	2G	Cont	No	-	-	Yes	C	T	ABD		E	15.12, 15.17, 15.19
Dodeceny succinic acid, dipotassium salt solution		All countries		None	III		NA												
Dodecyl hydroxypropyl sulphide	US	All countries	23/09/96	None	A	P	1	2G	Open	No			Yes	O	No	A		No	15.19
Dodecyl/Octadecyl methacrylate (mixture)	D	All countries	01/08/91	None	D	S	3	2G	Open	No			Yes	R	No	A,D	N4	No	15.13, 16.6.1, 16.6.2
Ethoxylated long chain (C16+) alkyloxyalkylamine	US	All countries	21/04/95	None	D		NA												
Ethoxylated tallow alkyl amine	US	BS, BR, LI, N, PA, RS	17/08/00	17/12/04	B	P	3	2G	Open	No			Yes	O	No	A	None	No	16.2.6, 16.2.8, 16.2.9
Ethoxylated tallow amine, glycol mixture	US	AA, N, AR, BS, LI, PA, RS, BR, NL, G	10/05/99	17/12/04	B	S/P	2	2G	Open	No			Yes	O	No	A, C, D	N1	No	15.12.1, 15.16.1, 15.19.6
Ethyl tert-butyl ether	US	All countries	04/02/93	None	C	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
S-Ethyl dipropylthiocarbamate	US	All countries	07/04/97	None	C	P	3	2G	Open	No			Yes	O	No	A		No	
N-Ethylmethylallylamine	US	All countries	16/10/98	None	C	S/P	2	2G	Cont	No	T2	IIB	No	C	F	AC	N1	E	15.12.3, 15.17, 15.19
Fatty acids, essentially linear, C6-C18, 2-ethylhexyl ester.	D	All countries	12/08/93	None	D		NA												
Glycolic acid solution (70% or less)	US	All countries	10/01/97	None	D	S	3	2G	Open	No	-	-	NF	O	No	No		No	15.19.6
Glyoxylic acid solution (50 % or less)	F	All countries	27/03/95	None	D	S	3	2G	Open	No			Yes	O	No	ACD	Y5	No	15.11.2-15.11.4, 15.11.6-15.11.8, 15.16.1, 16.6.1 to 16.6.3
Glyphosate solution (not containing surfactant)	US	All countries	21/05/95	None	D		NA												
1-Hexadecylnaphthalene / 1,4-bis(hexadecyl)naphthalene mixture	US	All countries	06/07/98	None	III		NA												
Hexamethylenediamine (molten)	G	All countries	01/07/92	None	C	S/P	2	2G	Cont	No			Yes	C	T	C	N1	E	15.12, 15.17, 15.18, 15.19.6, 16.2.7, 16.2.9
Hexamethylene diisocyanate	D	All countries	01/11/95	None	B	S/P	2	1G	Cont	Dry	T1	IIB	Yes	C	T	A, C(c), D	Y4	E	15.12, 15.17, 15.16.2, 15.18, 15.19
1,6-Hexanediol, distillation overheads	US	All countries	16/06/99	None	C	S/P	3	2G	Cont	No	-	-	Yes	R	T	ABCD		No	15.12.3, 15.12.4, 15.19.6, 16.2.9
Isobutyl methacrylate	F	All countries	05/07/99	None	D	S	3	2G	Cont	No		IIA	No	C	F-T	BD		E	15.12, 15.13, 15.17, 15.19, 16.6.1, 16.6.2
Isophorone		All countries		None	C	S/P	3	2G	Cont	No			Yes	R	No	A		No	
Isopropyl acetate		All countries		None	(D)		NA												
Lecithin	US	All countries	21/07/93	None	III		NA												
Long chain alkyl (C13+) salicylic acid	NL	AR, D, LI, N, F	31/08/00	17/12/04	A	P	2	2g	Open	No			Yes	O	No	A		No	15.19.6



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**Potential entries to the IBC Code**

Product Name	Rep	Countries	Receive Date	Expiry Date	Cat	D	ST	F	G	H	I	I'	I''	J	K	L	M	N	O
Polyetheramine	US	LI, NL, N, PA, RS	15/12/03	17/12/06	B	S/P	2	2G	Cont	No	-	-	Yes	C	No	ACD	N1	No/E	15.12.1, 15.16.1, 15.17, 15.19.6
Polyisobutenamine in aliphatic (C10-C14) solvent	NL	All countries	06/07/98	None	C	P	3	2G	Open	No	T3	IIA	Yes	O	No	A		No	16.2.8
Polyisobutenyl anhydride adduct	US	All countries	23/09/96	None	III		NA												
Polyolefin amide alkeneamine (C17+)	US	All countries	03/03/94	None	D		NA												
Polyolefinamine (C28-C250)	US	All countries	06/09/94	None	C	P	3	2G	Open	No			Yes	O	No	A		No	
Polyolefin aminoester salts (mw 2000+)	US	All countries	06/07/98	None	D		NA												
Polyoxypropylene diamine	US	LI, NL, N, PA, RS	16/07/02	17/12/05	B	S/P	2	2G	Cont	No			Yes	C	No	ACD	N1	E	15.12.1, 15.16.1, 15.17, 15.19.6
Poly(tetramethylene ether) glycol (mw 600-3000)	US	All countries	04/02/97	None	B	P	3	2G	Open	No	-	-	Yes	O	No	ABCD		No	16.2.6, 16.2.8, 16.2.9, 16A.2.2
Potassium chloride solution (10% or more)		All countries		None	III		NA												
Potassium formate solutions	D	All countries	16/12/93	None	III		NA												
Potassium salt of polyolefin acid	G	All countries	07/02/95	None	III		NA												
Potassium thiosulphate (50% or less)	US	All countries	13/10/97	None	C	P	3	2G	Open	No			NF	O	No	No		No	
Propylene carbonate	US	All countries	06/07/98	None	III		NA												
Propylene glycol phenyl ether	US	All countries	31/07/92	None	D	P	NA												
Pyrolysis gasoline	G	All countries	13/10/97	None	B	S/P	3	2G	Cont	No	T3	IIA	No	C	F-T	A,B		No	15.12, 15.17, 15.19.6
Rape seed oil fatty acid methyl esters	D	All countries	03/03/00	None	D		NA												
Sodium borohydride (15% or less)/Sodium hydroxide solution		All countries		None	D	S	3	2G	Open	No			NF	O	No	No	N1	No	16.2.7
Sodium silicate solution		All countries		None	C	P	3	2G	Open	No			NF	O	No	No		No	
Sulphonated polyacrylate solution	US	All countries	17/04/89	None	D		NA												
Sulphurized fat (C14-C20)	US	All countries	23/09/96	None	D		NA												
Sulphurized polyolefinamide alkene (C28-C250) amine	US	All countries	23/09/96	None	D		NA												
Tetraethyl silicate monomer/oligomer (20% in ethanol)	B	All countries	31/08/99	None	III		NA												
Titanium dioxide slurry	US	All countries	23/09/96	None	III		NA												
1,2,3-Trichlorobenzene (molten)	US	All countries	06/07/98	None	A	S/P	1	2G	Cont	No			Yes	C	T	A, C, D		E	15.12.1, 15.17, 15.19, 16.2.9
Triethylphosphite		All countries		None	B	S/P	3	2G	Cont	No			No	R	F-T	A,B		No	15.12.1, 15.19.6
Urea/Ammonium mono- and di-hydrogen phosphate/Potassium chloride solution		All countries		None	D		NA												
Xylenes/ethylbenzene (10% or more) mixture	G	All countries	13/10/97	None	B	P	3	2G	Cont	No			No	R	F	A		No	15.19.6
Zinc alkenyl carboxamide	US	All countries	22/07/91	None	D	P	NA												

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## ANNEX 12

**CLEANING ADDITIVES EVALUATED AND FOUND TO MEET  
THE REQUIREMENTS OF PARAGRAPH 1.8.2 OF THE P&A STANDARDS**

<b>Manufacturer</b>	<b>Name of Cleaning Additive</b>
A/S E. Brosstad	MARCLEAN CO - 1
	MARCLEAN M3
	MASTER - RENS
	MARCLEAN
AQUAMARINE Chemicals	Aluminium Cleaner
	Tank Cleaner H.D.
	Aquawash
	H.D. Cleaner
	H.D. Strong Alkaline Cleaner
	Rust Remover
	Alkaline Cleaner
	Microclean
Ashland Chemical	ENVIROCARE 720
Ashland Chemical Comp. (Drew Ameroid Marine Division)	ENVIROCARE 120 Cleaner Dispersant
	ENVIROCARE 370
	ENVIROCARE 440 Tank Cleaner
	ENVIROCARE 480 Tank Cleaner
	ENVIROCARE™ 485 Heavy Duty Cleaner
	ENVIROCARE 500
	ENVIROCARE 550
	ENVIROCARE 770
	ENVIROCARE 700
	ENVIROCARE 110
	ENVIROCARE 900
	ENVIROMATE® 2000 General Purpose Cleaner
	ENVIROCARE 920
	ENVIROCARE 880 Heavy Duty Cleaner
	ENVIROCARE 570
	ENVIROCARE 960
	Ameroid Rust Stain Remover
Beauty Co. LTD.	Coco Clean
CHEMTEC Consulting GmbH	CTC - Cleaner - VLC
Corpex Technologies	KIRASOL 317
	KIRASOL - 340
	KIRASOL - 360
	KIRASOL 361

**Manufacturer**

Corpex Technologies

Drew Ameroid

Ellis & Everard

Enviro-Tech Specialities

Environmental Scientific Inc.

Envirotec

Fuji Coral Co. LTD.

Henkel

**Name of Cleaning Additive**

KIRASOL 370

KIRASOL 371

EDGE

LAC Liquid Alkaline Cleaner

NALFLEET 010 - Oil Spill Concentrate

NALFLEET 9088

Waterbased Alka Kleen / LAC / #5

Alka Kleen SAF S-C / #3

HCF Neutral Kleen

Latex Remover

Metal Brightener / S-D / #4

Liquid Alkaline Kleen / LAC / S-LAC / #5

Sodium Perborate

Pickling Kleen L

Passivation Kleen L

Rust Kleen

Enviro Chlor / #7

Acrylate Kleen

Owl #8 / Buffer Clean

Owl #8 / Buffer Clean / Inhibitor Cleaner

Owl #10 / Acrylate Cleaner

Citri Kleen WB

Coal Tar Clean

Waterbased Alkaline / B-3

Enviro Kleen Safe

Owl #12 / Teepol

Enviro Kleen Blue

KIRASOL - 340

Envirosorb 2

US Clean

Fujicoral III

TOPIC 21

P3-X

P3 - GRATO 80 Marine

P3 - NA Marine

P3 - GRATO 60 Marine

P3 - GRATO 50 Marine

P3 - GRATO STLS Marine

P3 - GRATO 14 Marine

P3 - FD Marine

P3 - T 1166 Marine

P3 - GRATO SOL

<b>Manufacturer</b>	<b>Name of Cleaning Additive</b>
Henkel	P3-A
Kao Corp.	HAIZEN S-100
	FAMILY FRESH
Kurita Water Industries LTD.	KURIPAL PK-100
	KURIPAL PK-842
Lion Corp.	LIPOMIX M
Loctite Japan	LOCTITE Fragrance Free Natural Blue
	LOCTITE Natural Blue
MARICHEM MARIGASES Worldwide	Alkactive Liquids
	General Cleaning & Solvent
	Rust Shield Phos
	Rust Remover
	Bilge Cleaner
	Alka Kleen HD
	Tank Cleaner
Marine Care	Careclean Neutral HCF
	Careclean GP
	Careclean Hydro Carbon Free
	Careclean HD
	Careclean Voyage
	Careclean Rust
	Careclean Passivating Liquid
	Careclean Buffer
	Careclean Pickling Liquid
	Careclean Aquawash
	Careclean Alkaline Extra
	Careclean Alkaline
	Careclean HD Split
	Careclean Airfresh
	Careclean Chlor
	Careclean Degreaser GP
Maritech Marine Technologies AB	MARISOL HD, Heavy duty cleaner
	MARISOL SR, Soot remover
	MARISOL AC, Air cooler cleaner
	MARISOL Rw+, Rust wash, strengthened
	MARISOL RC, Reefer cleaner
	MARISOL PC, Pipe cleaner
	MARISOL MB, Metal brightener
	MARISOL LC, Liquid alkaline cleaner
	MARISOL GD, General cleaner & degreaser
	MARISOL FC, Fuel oil separator circ. cleaner
	MARISOL DC, Separator disc cleaner

**Manufacturer**

Maritech Marine Technologies AB

MASTEC Co. LTD.

NALFLEET Marine Chemicals

NEOS Company Ltd.

Nihon Kosan Co. Ltd.

Nippon Yuka Kogyo Co. LTD.

**Name of Cleaning Additive**

MARISOL CR, Carbon remover

MARISOL CD, Cleaner & degreaser

MARISOL AP, All purpose cleaner

MARISOL LR, Limestone remover

MAC AC-H

MAC SAFETY ALKID

MAC PRIME

MAC HD

MAC HC-100

MAC HC10

MAC DUAL CLEAN

MAC SUSBRIGHT

MAC AC-N

MAC AC-F

MAC ALKID

79110 "Sea Shield" Multiclean

79107 "Sea Shield" Disc/Filter Clean

NALFLEET 79112 "Sea Shield" Metal Brightener

79116 "Sea Shield" Safe Acid Powder

TANK ALKLEEN

Alkaline Cleaner

NALFLEET Electroclean

NALFLEET 79102 "Sea Shield" Oil Dispersant

NALFLEET 79103 "Sea Shield" Clearbreak

NALFLEET 79115 "Sea Shield" Degreaser

NALFLEET 79109 "Sea Shield" Tank Alklean

NALFLEET 79104 "Sea Shield" Heavy Duty Cleaner

NALFLEET Rust Remover & Metal Brightener (9-061)

NALFLEET Safe Acid Powder

NALFLEET 79105 "Sea Shield" Alkaline Cleaner

NALFLEET 79118 "Sea Shield" Detergent Cleaner

NEOS FD-7

NEOS FD-20

NEOS ONE 2

NEOS REGLIGHY M-ONE 2S (Water soluble)

NEOS FD-1

NICOL Clean 80

NICOL Clean

YUNISOL SS

HI - NOC

YUNISOL AC

YUNISOL SH

<b>Manufacturer</b>	<b>Name of Cleaning Additive</b>
Performance Chemicals Ltd.	Quickbreak
	Alkleen Buffered
Schmitt u. Fintelmann (INLABCO)	Watensol
Settsu Oil Mill LTD.	Diver Clean
	Settsu Clean
	Metalon M
	TS -1
Seven Rivers Co. LTD.	GOAL L-3
Shell Chemicals	Shell Universal-Reiniger A 151
SNOWCLEAN AB	MarClean HD
	MarClean Std
TAIHO Industries Comp. LTD.	KURICLEAN #11
	KURICLEAN 10P
	KURICLEAN No.100
	KURICLEAN No.1000
	KURICLEAN 10
	KURICLEAN #12
Teepol LTD.	Super Teepol
	Teepol Eight
	Teepol Green
	Teepol Green S
	C Clean
	New Teepol
Tesco Co. LTD.	Toho Cactus Clean L-10A
	Toho Cactus Clean H-2
	Toho Cactus Clean FC
	Toho Cactus Clean W1
Tevan	Vetvrij
UNISERVE Americas Inc.	Uniclean Carbon
	Alkaclean Safety
	Uniclean HD
	Alkaclean
	Uniclean AP Enviro
	Air Cooler Cleaner
	EcoClean
	MARISOL
	Uniclean Tank
	Uniclean GP
	Genepol
	Seaclean
	Uniclean Break
	Uniclean OSD Enviro

**Manufacturer**

**Name of Cleaning Additive**

UNISERVE Americas Inc.

Cold Wash  
Hydrocarbon Remover  
Rust Remover  
Rust Off  
Uniclean AP Powder  
Bleach Substitute

UNITOR Chemicals

Uniwash  
Unitor Amwash  
Cleanbreak  
HP Wash  
AQUA TUFF  
Alkleen Liquid  
Fore & Aft  
Alkleen Safety Liquid  
Zinc Coat Conditioner

Van Beek Ecoproducts B.V.

Aquabreak PX  
Enviroclean  
TANKLEEN Plus  
Aquaquick 2000  
Aquaquick 2000 SP  
Waterbased Neutral HCF/B-4  
Waterbased Alkaline / B-3  
Waterbased Alkaline HD / Steamclean B-2 Liquid

VECOM

Veclean Blue / Blauw  
Vecosan Rustcleaner  
Vecofloc  
Vecochlor  
Veclean Tank  
Veclean Electro  
Veclean Clear Break  
Bufferclean  
Product Formula No. 8/11 (Lead Remover / Inhibitor Killer)  
Neutral Vegoil Cleaner #3  
Passivating Liquid / L-800  
Multi Cleaner / TP-02  
Pickling Liquid / L-600  
Pickling Spray  
Product Formula No. 2 (Degreaser HD)  
Product Formula No. 3 (Edible Oil Remover)  
Lead Cleaner #8  
Product Formula No. 4 (Metal Brightner)  
Product Formula No. 5 (Caustic Alkaline Cleaner)

<b>Manufacturer</b>	<b>Name of Cleaning Additive</b>
VECOM	Product Formula No. 7 (Dye out) Caustic Alkaline Cleaner (LAC) #5 Product Formula No. 10 (Acrylate neutralizer) S-X (Acrylate neutralizer) Degreaser GP / B-24-B Degreaser Super #2 ECS Quick Dry Product Formula No. 6 (Hydrocarbon Remover) Tankclean at Sea Product Formula No. 12 (Liquid soap) Steamclean HPC-NF S-LAC (Caustic Alkaline Cleaner) S-HCF (Hydrocarbon Remover) S-E (Liquid caustic soda) S-D (Metal Brightner) S-C (Edible Oil Remover) S-B (Degreaser HD) Tankclean HCF
Wash Specialties, Inc.	Slaytex Paratrooper
Yule Catto Consumer Chemicals	MOD Quick Break Degreaser Nalfloc Alkats Cleaner 65 (NALC 65) Nalfloc Alkats Cleaner 65 (NALD 65) Nalfloc Maxiclean 2

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