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MSC/Circ.1128
MEPC/Circ.423
13 December 2004

**LIST OF PRODUCTS THAT HAVE BEEN OMITTED FROM EITHER
CHAPTER 17 OR 18 OF THE IBC CODE DUE TO MISSING SAFETY DATA,
POLLUTION DATA OR BOTH**

1 The Marine Environment Protection Committee, at its forty-ninth session (14 to 18 July 2003) and the Maritime Safety Committee, at its seventy-eighth session (12 to 21 May 2004) agreed that products lacking essential data will not be included in the amendments to the IBC Code, adopted by MEPC.119(52) and MSC.176(79), which are expected to enter into force on 1 January 2007.

2 The essential data needed to assign Pollution Category and Ship Type based on the revised GESAMP Hazard Profile are A1 (aquatic bioaccumulation), B1 (acute aquatic toxicity), E2 (physical effects on wildlife and benthic habitats), C1 (mammalian acute oral toxicity), C2 (mammalian acute dermal toxicity) and C3 (mammalian acute inhalation toxicity). Information on A2 (aquatic biodegradation), B2 (chronic aquatic toxicity) and D3 (long-term human health effects) would also greatly assist the process.

3 The Marine Environment Protection Committee, at its fifty-second session (11 to 15 October 2004) and the Maritime Safety Committee, at its seventy-ninth session (1 to 10 December 2004), agreed to jointly circulate the list of products with missing data, as contained in the annex to this circular, to give industry the opportunity to provide missing data to the GESAMP/EHS Working Group for evaluation and to allow for subsequent inclusion of the products in List 1 of the MEPC.2 Circular prior to the entry into force of the revised IBC Code.

4 In order to allow sufficient time for evaluation by the GESAMP/EHS Working Group and, where necessary, discussion by the BLG Sub-Committee and/or ESPH Working Group, the data should be sent to the Secretariat of the GESAMP/EHS Working Group¹ by **31 December 2005** at the latest.

5 Information on the "Revised GESAMP Hazard Evaluation Procedure for Chemical Substances Carried by Ships" can be found in GESAMP Reports and Studies No. 64 (<http://gesamp.imo.org/publicat.htm>).

6 Member Governments and NGOs are urged to bring this circular and in particular the attached annex to the attention of the chemical industry and other parties concerned.

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Products with missing data

Annex
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PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Acetochlor	17	NI	NI	NI	NI	1	0	(1)	S	S
Acrylamide solution (50% or less)	17	0	R	2	0	2	2	NI	CMNS	D
Alkaryl polyethers (C9-C20)	17	4	NR	3	NI	NI	NI	NI		S
Alkenyl (C11+) amide	18	(3)	NI	4	NI	0	NI	NI		F
Alkyl acrylate-vinylpyridine copolymer in toluene	17	2	R	2	0	0	0	NI	RNA	F/Fp
Alkyl(C8+)amine, Alkenyl (C12+) acid ester mixture	18	NI	NI	1	NI	(0)	(0)	NI		Fp
Alkyl (C3-C4) benzenes	17	(3)	(NR)	4	NI	0	NI	NI		FE
Alkyl (C11-C17) benzene sulphonic acid	1	3	R	3	1	1	NI	NI		D
Alkylbenzene sulphonic acid, sodium salt solution	1	3	R	3	1	1	(1)	NI		FD
Alkyl (C7-C9) nitrates	17	3	NR	3	NI	0	0	NI	S	F
Alkyl(C7-C11)phenol poly(4-12) ethoxylate	17	4	NR	3	1	0	0	NI		D
Aluminium chloride (30% or less)/Hydrochloric acid (20% or less) solution	17	2	Inorg	3	1	1	NI	3		D
2-(2-Aminoethoxy) ethanol	17	0	NR	1	0	0	1	NI		D
Aminoethyldiethanolamine/Aminoethylethanolamine solution	18	0	NR	1	0	1	NI	NI		D
N-Aminoethylpiperazine	17	0	NR	1	NI	0	2	NI	S	D
2-Amino-2-hydroxymethyl-1,3-propanediol solution (40% or less)	18	0	NI	1	NI	0	0	NI		D
Ammonium bisulphite solution (70% or less)	17	NI	NI	NI	NI	NI	NI	NI		D
Ammonium lignosulphonate solutions	18					0	(0)	(0)		D
Ammonium thiocyanate (25% or less)/Ammonium thiosulphate (20% or less) solution	17	0	Inorg	1	NI	1	NI	NI		D
Ammonium thiosulphate solution (60% or less)	17	0	Inorg	1	NI	0	NI	NI		D
Benzene sulphonyl chloride	17	1	R	(1)	NI	1	NI	NI		SD
Benzyl chloride	17	1	R	3	1	1	NI	3	CSA	S
N,N-bis(2-hydroxyethyl) oleamide	1	5	NR	NI	NI	0	0	(1)		F
Brake fluid base mix: Poly(2-8)alkylene (C2-C3) glycols/Polyalkylene (C2-C10) glycols monoalkyl (C1-C4) ethers and their borate esters	18									
Butene oligomer	17	NI	NI	3	NI	0	0	0		FE
Butyl stearate	18	0	NI	0	NI	0	NI	NI		Fp

Products with missing data

Annex
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PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Calcium alkyl (C9) phenol sulphide/Polyolefin phosphorosulphide mixture	17	NI	NR	4	NI	0	0	(0)		FED
Calcium hydroxide slurry	18	0	Inorg	1	NI	0	NI	NI		S
Calcium lignosulphonate solutions	18	0	NR	0	NI	0	NI	NI		D
Calcium long-chain alkaryl sulphonate (C11-C50)	18	0	NR	1	NI	0	0	NI		FD
Calcium long-chain alkyl phenolic amine (C8-C40)	18	NI	NR	0	NI	0	0	(0)		Fp
Calcium long-chain alkyl salicylate (C13+)	17	NI	NR	2	NI	0	0	NI		Fp
Calcium nitrate/Magnesium nitrate/Potassium chloride solution	18	0	Inorg	1	0	0	NI	NI		D
Calcium nitrate solutions (50% or less)	1	0	Inorg	0	NI	0	NI	NI		D
Camphor oil	17	NI	NI	NI	NI	2	NI	NI		FE
Caramel solutions	18									
Carbolic oil	17	NI	NI	NI	NI	(2)	(2)	(4)		NI
Cashew nut shell oil (untreated)	17	0	NI	NI	NI	NI	NI	NI	S	Fp
Chlorinated paraffins (C14-C17) (with 50% chlorine or more, and less than 1% C13 or shorter chains)	1	0				0	0	(1)		S
o-Chloronitrobenzene	17	2	NR	3	NI	2	2	NI		S
Coal tar	17	NI	NR	3	NI	0	0	0	C	SD
Coal tar naphtha solvent	17	NI	NR	3	NI	0	0	(1)	C	FE
Coal tar pitch (molten)	17	NI	NR	NI	NI	0	0	NI	C	S
Cobalt naphthenate in solvent naphtha	17	NI	NR	3	NI	0	(0)	NI	C	FE/F
Coconut oil fatty acid	17	0	NI	0	NI	NI	NI	NI		F/Fp
Coconut oil fatty acid methyl ester	18	0	NI	0	NI					F
Copper salt of long chain (C17+) alkanolic acid	1	NI	NI	NI	NI	0	0	(0)		Fp
Creosote (coal tar)	17	NI	NR	5	NI	1	0	NI	C	S
Creosote (wood)	17	NI	NR	NI	NI	1	0	NI	C	SD
Cresylic acid, sodium salt solution	17					1	(2)	(4)		D
Decene	17	5	NI	NI	NI	0	0	0		F
Decyl acetate	17	4	NI	NI	NI	0	0	NI		F
Decyloxytetrahydrothiophene dioxide	17	3	NI	4	NI	0	NI	NI		Fp
2,6-Di-tert-butylphenol	1	4	NR	4	NI	0	0	NI		F
1,1-Dichloroethane	17	1	NR	1	NI	1	NI	0		SD
1,6-Dichlorohexane	17	3	NI	3	NI	NI	NI	NI		S

Products with missing data

PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Dichloromethane	17	2	NR	1	0	1	NI	0	CM	SD
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	17	1	R	3	NI	1	0	NI		D
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	17	1	R	3	NI	1	1	NI		D
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	17	1	R	3	NI	NI	NI	NI		D
1,3-Dichloropropane	17	1	NR	2	1	0	NI	NI		SD
2,2-Dichloropropionic acid	17	2	NR	2	NI	1	0	NI		D
2,6-Diethylaniline	17	3	NR	2	NI	1	1	NI		FD
Diethylene glycol dibutyl ether	18	2	NI	1	NI	0	0	NI		FD
Diethylene glycol diethyl ether	18	0	NR	0	NI	1	0	NI		D
Diethylene glycol phthalate	18	NI	NR	1	NI	0	0	(1)		S
Diethylenetriaminepentaacetic acid, pentasodium salt solution	18	0	NR	0	NI	0	NI	NI		D
Di-(2-ethylhexyl) phosphoric acid	17	1	NR	2	NI	0	1	NI		Fp
Diglycidyl ether of bisphenol A	17	3	NR	4	NI	0	0	NI	S	S
Diglycidyl ether of bisphenol F	17	2	NI	3	NI	0	(0)	NI	SR	S
1,4-Dihydro-9,10-dihydroxyanthracene, disodium salt solution	1	1	NI	1	NI	0	NI	NI		D
Diisononyl adipate	18	0	NI	0	NI	0	0	NI		Fp
Diisopropyl naphthalene	1	4	NR	(3)	NI	0	0	NI		Fp
Dinonyl phthalate	18					0	0	(0)	R	
Diphenylamine (molten)	1	3	NR	3	1	0	0	NI		S
Diphenylamine, reaction product with 2,2,4-Trimethylpentene	17	NI	NR	3	NI	0	0	NI	S	Fp
Diphenylamines, alkylated	17	5	NR	3	NI	0	NI	0		F
Diphenylmethane diisocyanate	1	2	NR	0	0	0	NI	4	S	S
Ditridecyl adipate	18	NI	NI	NI	NI	NI	NI	NI		Fp
Ditridecyl phthalate	18					0	0	(0)		
Dodeceny succinic acid, dipotassium salt solution	1	NI	NI	0	NI	0	NI	NI		D
Dodecylamine/Tetradecylamine mixture	17	5	NI	4	NI	1	NI	NI		F
Dodecyl diphenyl ether disulphonate solution	17	5	NI	4	NI	1	NI	NI		D
Ethyl amyl ketone	17	2	NI	2	NI	0	0	NI		FD
N-Ethylbutylamine	17	1	NI	NI	NI	1	1	2		FED
Ethyl butyrate	17	1	NI	2	NI	0	0	NI		FED

Products with missing data

PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Ethylenediaminetetraacetic acid, tetrasodium salt solution	18	0	NR	2	0	1	NI	NI		D
Ethylene glycol acetate	18	0	R	2	NI	0	0	NI	R	D
Ethylene glycol methyl butyl ether	18	1	NI	1	NI	NI	NI	NI		D
Ethylene glycol methyl ether acetate	17	0	R	2	NI	1	0	NI	R	D
Ethylene glycol phenyl ether	18	1	R	1	NI	1	0	NI		SD
Ethylene glycol phenyl ether/Diethylene glycol phenyl ether mixture	18	1	R	1	NI	1	0	NI		SD
Ethylene-Vinyl acetate copolymer (emulsion)	18	1	NR	0	0	0	NI	NI		S
o-Ethylphenol	17	2	NI	(2)	NI	1	NI	NI		S
Ethyl propionate	18	1	NI	2	NI	0	NI	NI		ED
Ferric hydroxyethylethylenediaminetriacetic acid, trisodium salt solution	18	NI	NI	NI	NI	0	0	(0)		D
Fish solubles (water-based fish meal extract)	18	NI	NI	NI	NI	(0)	(0)	(0)		NI
Fluorosilicic acid (20-30%) in water solution	17	Inorg	Inorg	NI	NI	(1)	(1)	4		D
Fumaric adduct of rosin, water dispersion	17	0	R	3	NI	(0)	NI	NI		NI
Glycerine (83%), Dioxanedimethanol (17%) mixture	18	NI	R	1	NI	0	(0)	NI		D
Glycerol polyalkoxylate	18	NI	NR	0	NI	0	0	0		Fp
Glyoxylic acid solution (50 % or less)	1	0	R	2	0	0	0	NI	S	D
Hydrogen peroxide solutions (over 8% but not over 60% by mass)	17									
Icosa(oxypropane-2,3-diyl)s	17	NI	NI	NI	NI	0	(0)	(2)		Fp
Isopropylamine (70% or less) solution	17									
Latex, ammonia (1% or less), inhibited	18	0	R	(2)	NI	NI	NI	NI		NI
Latex: Carboxylated styrene-Butadiene copolymer; Styrene-Butadiene rubber	18	0	NI	0	NI	NI	NI	NI		NI
Lecithin	1	0	R	NI	NI	(0)	(0)	(0)		SD
Ligninsulphonic acid, sodium salt solution	18	NI	NI	0	NI	0	(0)	NI		D
Long-chain alkaryl sulphonic acid (C16-C60)	18	NI	(NR)	0	NI	0	0	(0)		Fp
Long-chain alkylphenate/Phenol sulphide mixture	18	NI	(NR)	0	NI	0	0	(1)		Fp
Long-chain polyetheramine in alkyl (C2-C4) benzenes	17	NI	NR	2	NI	0	0	(1)		Fp
Long-chain polyetheramine in aromatic solvent	17	NI	NR	2	NI	0	0	(1)		Fp

Products with missing data

PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Magnesium long-chain alkaryl sulphonate (C11-C50)	18	NI	(NR)	0	NI	0	0	(0)		Fp
Magnesium long-chain alkyl salicylate (C11+)	17	NI	NR	1	NI	0	0	(0)		S
Methyl heptyl ketone	17	3	R	3	NI	0	0	NI		FED
3-Methyl-3-methoxybutyl acetate	18	1	NR	0	NI	0	(0)	Ni		F
2-Methyl-1,3-propanediol	1	0	NR	0	0	0	0	NI		D
Myrcene	18	4	R	4	1	0	0	NI		F
Naphthalenesulphonic acid-Formaldehyde copolymer, sodium salt solution	18	1	(NR)	1	NI	0	(0)	NI		D
Naphthenic acids	17	NI	NI	3	NI	1	NI	NI		FD
Nitroethane, 1-Nitropropane (each 15% or more) mixture	1					1	1	2		
o- or p-Nitrotoluenes	17	2	NR	3	1	1	0	NI	M	S
Nonyl acetate	17	4	NI	NI	NI	0	0	NI		F
Nonylphenol poly(4+)ethoxylate	1	4	NR	3	1	0	0	NI		D
n-Octyl acetate	17	3	R	2	NI	0	0	NI		FD
Octyl decyl adipate	18	0	NI	(0)	NI	NI	NI	NI		Fp
Olefin mixtures (C5-C7)	17					(0)	(0)	(1)		
Olefin mixtures (C5-C15)	17									
alpha-Olefins (C6-C18) mixtures	17					(0)	(0)	(1)		FE
Oleylamine	17	NI	NR	4	NI	1	(1)	(2)		F
Palm kernel acid oil	17					NI	NI	NI		F
Palm oil fatty acid methyl ester	18									NI
Pentaethylenehexamine	18	0	NI	NI	NI	1	NI	NI	S	D
Phosphate esters, alkyl (C12-C14) amine	1	NI	NI	3	NI	0	(0)	(1)		FD
Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether	18	NI	NI	NI	NI	NI	NI	NI		D
Poly(2-8)alkylene glycol monoalkyl (C1-C6) ether acetate	18	NI	NI	NI	NI	NI	NI	NI		NI
Polyalkylene oxide polyol	17	NI	NI	NI	NI	0	0	(0)		Fp
Polybutene	18	NI	NI	0	NI	(0)	(0)	(0)		Fp
Polybutenyl succinimide	18	NI	NR	0	NI	(0)	(0)	(0)		Fp
Polyether (molecular weight 2000+)	18	NI	NI	NI	NI	(0)	(0)	(0)		Fp
Polyethylene polyamines	17	NI	NI	NI	NI	0	0	0		D
Polyglycerin, sodium salt solution (containing less than 3% sodium hydroxide)	18	NI	NI	NI	NI	0	0	(0)		D

Products with missing data

PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Polyglycerol	18	NI	NI	NI	NI	0	(0)	(0)		NI
Polymethylene polyphenyl isocyanate	17	NI	NI	0	NI	0	0	(2)		S
Polyolefin (molecular weight 300+)	18	NI	NI	0	NI	0	0	0		Fp
Polyolefin amide alkeneamine/molybdenum oxysulphide mixture	18	NI	NI	NI	NI	NI	NI	NI		Fp
Polyolefin amide alkeneamine polyol	18	0	NI	0	NI	NI	NI	NI		NI
Polyolefin aminoester salts (mw 2000+)	1	NI	NR	1	NI	0	0	(0)		Fp
Poly(5+)propylene	18	0	NR	NI	NI	(0)	(0)	(0)		Fp
Poly(tetramethylene ether) glycol (mw 600-3000)	1	2	NI	3	NI	0	NI	1		FD
Potassium chloride solution (10% or more)	1			0		1	(0)	NI		D
Potassium salt of polyolefin acid	1	NI	NR	0	NI	0	0	(0)		
n-Propyl chloride	17	2	NI	1	NI	0	NI	NI		FED
Propylene-Butylene copolymer	18	NI	NI	NI	NI	(0)	(0)	(0)		NI
Propylene dimer	17	3	R	3	NI	NI	NI	NI		E
Pyrolysis gasoline	1	(4)	(NR)	(4)	(1)	NI	NI	NI		
Rape seed oil fatty acid methyl esters	1	0	R	0	NI	0	(0)	NI		Fp
Rosin soap (disproportionated) solution	17	3	NR	3	NI	0	NI	NI		S
Sodium alkyl (C14-C17) sulphonates (60-65% solution)	17	NI	NI	3	NI	0	0	(1)		D
Sodium aluminate solution	17	0	Inorg	NI	NI	(0)	(0)	NI		D
Sodium petroleum sulphonate	17	NI	NI	NI	NI	NI	NI	NI		S
Sodium poly(4+)acrylate solutions	18	NI	NR	1	NI	0	(0)	(1)	S	D
Sodium tartrates/Sodium succinates solution	17	1	NI	1	NI	0	NI	NI		D
Sorbitol solution	18	0	R	NI	NI	0	(0)	(0)		D
Styrene monomer	17	3	R	3	NI	1	NI	2	C	FE
Sulphohydrocarbon (C3-C88)	18	NI	NR	1	NI	0	0	0		Fp
Sulpho hydrocarbon long chain (C18+) alkylamine mixture	17	NI	NI	3	NI	0	0	(0)		S
Sulphurized polyolefinamide alkene (C28-C250) amine	1	NI	NR	0	NI	0	(0)	(0)		FD
Tall oil (crude and distilled)	17	0	R	3	NI	0	NI	NI		Fp
Tall oil fatty acid (resin acids less than 20%)	17	0	R	0	NI	0	NI	NI		Fp
Tall oil fatty acid, barium salt	17					(1)	(0)	(1)		S
Tall oil soap (disproportionated) solution	17	NI	NI	NI	NI	(1)	(0)	(1)		D

Products with missing data

PSN	Chpt	A1	A2	B1	B2	C1	C2	C3	D3	E2
Tallow fatty acid	18					0	(0)	(0)		Fp
Tricresyl phosphate (containing less than 1% ortho-isomer)	17					0	1	0		S
Trimethylhexamethylenediamine (2,2,4- and 2,4,4-isomers)	17	1	NI	NI	NI	1	0	(2)	S	D
Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-isomers)	17	0	NI	3	NI	0	NI	NI	S	NI
Trimethylolpropane polyethoxylate	18	NI	NR	1	NI	0	0	NI		NI
Trimethyl phosphite	1	0	R	NI	NI	NI	NI	NI		S
Urea/Ammonium mono- and di-hydrogen phosphate/Potassium chloride solution	1	0	R	3	2	NI	NI	NI		NI
Urea formaldehyde resin solution	18	NI	NI	1	NI	1	1	NI	S	NI
White spirit, low (15-20%) aromatic	17					(0)	(0)	(1)	A	F
Xylenes/ethylbenzene (10% or more) mixture	1	2	NR	3	1	(0)	(0)	(0)		

Total = 183