

ANNEX 8

RESOLUTION MEPC.72(38)
adopted on 10 July 1996**REVISION OF THE LIST OF SUBSTANCES TO BE ANNEXED TO THE PROTOCOL
RELATING TO THE INTERVENTION ON THE HIGH SEAS IN CASES OF
MARINE POLLUTION BY SUBSTANCES OTHER THAN OIL**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE,

NOTING resolution 26 of the International Conference on Marine Pollution, 1973 which requested the appropriate body designated by the Organization to establish, not later than 30 November 1974, the list of substances to be annexed to the Protocol relating to Intervention on the High Seas in Cases of Marine Pollution by Substances Other than Oil, 1973 (the 1973 Intervention Protocol),

NOTING FURTHER resolution A.296 (VIII) by which the Assembly designated the Committee as the appropriate body referred to in articles I and III of the above-mentioned Protocol,

RECALLING resolution MEPC.49(31) by which the Committee adopted on 4 July 1991 an amended list to replace the original list annexed to the Protocol,

RECALLING FURTHER that it had approved, at its thirty-fifth session, the Criteria for the Selection of Substances for Inclusion in the Annex to the 1973 Intervention Protocol,

NOTING ALSO that the 1992 amendments to the IBC Code and Amendment 27 of the IMDG Code had entered into force,

HAVING CONSIDERED the proposed amendments to Appendix 2, noxious liquid substances carried in bulk, and Appendix 3, harmful substances carried in packaged form, prepared by the Secretariat in accordance with the above-mentioned criteria and taking into account the recent amendments to the IBC and IMDG Codes,

1. ADOPTS, by the required two-thirds majority of the Parties to the 1973 Intervention Protocol present and voting in the Committee, the amended list which appears in the Annex to this resolution;
2. REQUESTS the Secretary-General to communicate the amended List to all Parties to the 1973 Intervention Protocol in accordance with article III, paragraph 5, for acceptance, and to inform them that the amended to the list shall be deemed to have been accepted at the end of the period of six months after it has been communicated, unless with that period an objection to these amendments has been communicated to the Organization by not less than one third of the Parties, and that the amended list shall enter into force three months after it has been deemed to have been accepted; and
3. REQUESTS FURTHER the Secretary-General to annex copies thereof to the authentic text of the Protocol in accordance with article I, paragraph 2(a), once the amended list has been accepted in accordance with article III, paragraph 6, to replace the existing list.

ANNEX

ANNEX TO THE 1973 INTERVENTION PROTOCOL

LIST OF SUBSTANCES

Appendix 1

**Oil carried in bulk as listed in Appendix I to Annex I of MARPOL 73/78
other than those covered by the 1969 Intervention Convention**

Asphalt solutions

Blending stocks
Roofers flux
Straight run residue

Oils

Clarified
Road oil
Transformer oil
Aromatic oil (excluding vegetable oil)
Mineral oil
Motor oil
Penetrating oil
Spindle oil
Turbine oil

Distillates

Straight run
Flashed feed stocks

Gas oil

Cracked

Naphtha

Solvent
Petroleum
Heartcut distillate oil

Gasoline blending stocks

Alkylates - fuel

Reformats

Polymer - fuel

Gasolines

Casinghead (natural)

Automotive

Aviation

Straight run

Fuel oil No.1 (Kerosene)

Fuel oil No.1-D

Fuel oil No.2

Fuel oil No.2-D

Jet fuels

JP-1 (Kerosene)

JP-3

JP-5 (Kerosene, heavy)

Turbo fuel

Kerosene

Mineral spirit

Appendix 2

Noxious liquid substances carried in bulk

Acetone cyanohydrin
Acrylonitrile
Alachlor technical (90% or more)
Alcohol (C6-C17)(secondary) poly(3-6)ethoxylates
Alcohol (C12-C15) poly(1-6) ethoxylates
Alcohol (C6-C17) (secondary) poly(7-12)ethoxylates
Alcohol (C12-C15) poly(7-19) ethoxylates
Alkaryl polyethers (C9-C20)
Alkyl (C3-C4) benzenes
Alkyl (C5-C8) benzenes
Alkyl (C7-C9) nitrates
Alkyl acrylate-vinyl pyridine copolymer in toluene
Alkylbenzene,alkylindane,alkylindene mixture (each C12-C17)
Allyl alcohol
Allyl chloride
Ammonium sulphide solution (45% or less)
Aniline
Benzene and mixtures having 10% benzene or more*
Benzyl chloride
Benzyl alcohol
Butene oligomer
Butyl butyrate (all isomers)
Butyl benzyl phthalate
Butyl acrylate (all isomers)
Butylamine (all isomers)
Butyraldehyde (all isomers)
Calcium alkyl (C9) phenol sulphide/ Polyolefin phosphorosulphide mixture
Calcium hypochlorite solution (more than 15%)
Calcium long-chain alkyl phenate sulphide (C8-C40)
Camphor oil
Carbolic oil
Carbon disulphide
Carbon tetrachloride
Chlorinated paraffins (C10-C13)
Chloroacetic acid (80% or less)
Chlorobenzene
o-Chloronitrobenzene

Chloroform
Chlorohydrins (crude)
2- or 3-Chloropropionic acid
m-Chlorotoluene
o-Chlorotoluene
p-Chlorotoluene
Chlorotoluenes (mixed isomers)
Coal tar
Coal tar naphtha solvent
Coal tar pitch (molten)
Cobalt naphthenate in solvent naphtha
Creosote (coal tar)
Creosote (wood)
Cresols (all isomers)
Cresylic acid, dephenolized
Cresylic acid, sodium salt solution
Crotonaldehyde
1,5,9-Cyclododecatriene
Cyclohexyl acetate
Cyclohexylamine
1,3-Cyclopentadiene dimer (molten)
Cyclopentene
Decanoic acid
Decene
Decyl acetate
Decyl alcohol (all isomers)
Decyl acrylate
Decyloxytetrahydro-thiophene dioxide
Di-n-hexyl adipate
Di-n-propylamine
Dibutyl phthalate
Dibutyl hydrogen phosphonate
Dibutylamine
Dichlorobenzene (all isomers)
Dichloroethyl ether
1,6-Dichlorohexane
2,4-Dichlorophenol
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution
1,2-Dichloropropane

1,3-Dichloropropene
Dichloropropene/Dichloro- propane mixtures
Diethyl sulphate
Diethylamine
Diethylaminoethanol
Diethylbenzene
Diglycidyl ether of bisphenol F
Diglycidyl ether of bisphenol A
Diisobutyl phthalate
Diisobutylamine
Diisobutylene
Diisopropylamine
Diisopropylbenzene (all isomers)
Dimethyl octanoic acid
Dimethyl adipate
Dimethyl hydrogen phosphite
Dimethylamine solution (greater than 55% but not greater than 65%)
Dimethylamine solution (greater than 45% but not greater than 55%)
Dimethylamine solution (45% or less)
N,N-Dimethylcyclohexylamine
Dinitrotoluene (molten)
1,4-Dioxane
Diphenyl
Diphenyl ether
Diphenyl ether/Diphenyl phenyl ether mixture
Diphenyl/Diphenyl ether mixtures
Diphenylamine, reaction product with 2,2,4-Trimethylpentene
Diphenylamines, alkylated
Diphenylmethane diisocyanate
Diphenylol propane
Diphenylol propane- epichlorohydrin resins
Dodecene (all isomers)
Dodecyl alcohol
Dodecyl diphenyl ether disulphonate solution
Dodecyl phenol
Dodecylamine/Tetradecylamine mixture
Dodecyldimethylamine/Tetradecyldimethylamine mixture
Drilling brines (containing Zinc salts)
Epichlorohydrin
Ethyl acrylate
Ethylamine solutions (72% or less)

Ethylamine
Ethylbenzene
N-Ethylbutylamine
Ethylene dichloride
Ethylene dibromide
Ethylene chlorohydrin
Ethylene oxide/Propylene oxide mixture with an Ethylene oxide content of not more than 30% in weight
Ethylene glycol methyl ether acetate
Ethylenediamine
2-Ethylhexyl acrylate
2-Ethylhexylamine
Ethylidene norbornene
o-Ethylphenol
2-Ethyl-3-propylacrolein
Ethyltoluene
Fluorosilicic acid (20-30%) in water solution
Formaldehyde solutions (45% or less)
Fumaric adduct of rosin, water dispersion
Furfural
Glycidyl ester of C10 trialkylacetic acid
Heptyl acetate
Hexamethylenediamine solution
Hexyl acetate
2-Hydroxyethyl acrylate
2-Hydroxy-4-(methylthio) butanoic acid
Isophorone diisocyanate
Isophoronediamine
Lactonitrile solution (80% or less)
Lauric acid
Liquid chemical wastes
Long chain polyetheramine in alkyl (C2-C4) benzenes
Long chain polyetheramine in aromatic solvent
Long chain alkaryl polyether (C11-C20)
Magnesium long chain alkyl salicylate (C11+)
Mercaptobenzothiazol, sodium salt solution
Metam sodium solution
Methacrylic resin in Ethylene dichloride
Methyl acrylate
Methyl butyl ketone
2-Methyl-6-ethyl aniline

Methyl heptyl ketone
Methyl methacrylate
Methylcyclopentadiene dimer
Methyl naphthalene (molten)
3-Methylpyridine
Methyl salicylate
alpha-Methylstyrene
Motor fuel anti-knock compounds (containing lead alkyls)
Naphthalene (molten)
Naphthenic acids
Neodecanoic acid
Nitrating acid (mixture of sulphuric and nitric acids)
Nitrobenzene
o-Nitrophenol (molten)
o- or p-Nitrotoluenes
Nonene (all isomers)
Nonyl phenol
Nonyl phenol poly(4-12) ethoxylates
Noxious liquid, N.F, (1) n.o.s. (trade name ..., contains ...) S.T.1, Cat.A*
Noxious liquid, F, (2) n.o.s. (trade name ..., contains ...) S.T.1, Cat.A*
Noxious liquid, N.F, (3) n.o.s. (trade name ..., contains ...) S.T.2, Cat.A*
Noxious liquid, F, (4) n.o.s. (trade name ..., contains ...) S.T.2, Cat.A*
Noxious liquid, N.F, (5) n.o.s. (trade name ..., contains ...) S.T.2, Cat.B*
Noxious liquid, N.F, (6) n.o.s. (trade name ..., contains ...) S.T.2, Cat.B*, mp
Noxious liquid, F, (7) n.o.s. (trade name ..., contains ...) S.T.2, Cat.B*
Noxious liquid, F, (8) n.o.s. (trade name ..., contains ...) S.T.2, Cat.B*, mp
Noxious liquid, N.F, (9) n.o.s. (trade name ..., contains ...) S.T.3, Cat.A*
Noxious liquid, F, (10) n.o.s. (trade name ..., contains ...) S.T.3, Cat.A*
Noxious liquid, N.F, (11) n.o.s. (trade name ..., contains ...) S.T.3, Cat.B*
Noxious liquid, N.F, (12) n.o.s. (trade name ..., contains ...) S.T.3, Cat.B*, mp
Noxious liquid, F, (13) n.o.s. (trade name ..., contains ...) S.T.3, Cat.B*
Noxious liquid, F, (14) n.o.s. (trade name ..., contains ...) S.T.3, Cat.B*, mp
Octene (all isomers)
Octyl aldehydes
Olefin mixtures (C5-C15)
alpha-Olefins (C6-C18) mixtures
Oleum
Oleylamine
Palm kernel acid oil
Pentachloroethane
Perchloroethylene

Phosphorus, yellow or white
Phthalic anhydride (molten)
alpha-Pinene
beta-Pinene
Poly(2+)cyclic aromatics
Polyethylene polyamines
Polyolefin amide alkeneamine (C28+)
Polyolefin amide alkeneamine borate (C28-C250)
Polyolefin amide alkeneamine polyol
Polyolefinamine in aromatic solvent
Polyolefinamine in alkyl (C2-C4) benzenes
Polyolefin ester (C28-C250)
beta-Propiolactone
Propionitrile
n-Propylamine
Propylbenzene (all isomers)
Propylene trimer
Propylene oxide
Propylene tetramer
Rosin soap (disproportionated) solution
Rosin
Sodium sulphide solution (15% or less)
Sodium dichromate solution (70% or less)
Sodium hydrogen sulphide (6% or less)/Sodium carbonate (3% or less) solution
Sodium hydrosulphide solution (45% or less)
Sodium hydrosulphide/Ammonium sulphide solution
Sodium petroleum sulfonate
Sodium nitrite solution
Sodium thiocyanate solution (56% or less)
Styrene monomer
Sulpho hydrocarbon long chain (C18+) alkylamine mixture
Sulphuric acid
Sulphuric acid, spent
Tall oil (crude and distilled)
Tall oil fatty acid (resin acids less than 20%)
Tall oil soap (disproportionated) solution
Tall oil fatty acid, barium salt
Tetrachloroethane
Tetramethylbenzene (all isomers)
Toluene
Toluene diisocyanate

Toluenediamine
o-Toluidine
Tributyl phosphate
1,2,4-Trichlorobenzene
Trichloroethylene
Tricresyl phosphate (containing 1% or more ortho-isomer)
Tricresyl phosphate (containing less than 1% ortho-isomer)
Triethylamine
Triethylbenzene
Triethylenetetramine
Triethylphosphite
Triisopropylated phenyl phosphates
Trimethylamine solution (30% or less)
Trimethylbenzene (all isomers)
Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-isomers)
Trixylyl phosphate
Turpentine
Undecanoic acid
1-Undecene
Undecyl alcohol
Vinyl neodecanoate
Vinylidene chloride
Vinyltoluene
White spirit, low (15-20%) aromatic
Xylenes
Xylenol
Zinc alkaryl dithiophosphate (C7-C16)
Zinc alkyl dithiophosphate (C3-C14)

Appendix 3**Harmful substances in packaged form**

Aldrin
Azinphos-ethyl
Azinphos-methyl
gamma-BHC
Binapacryl
Brodifacoum
Bromophos-ethyl
Cadmium compound
Camphechlor
Carbophenothion
Chlordane
Chlorinated paraffin(C10-C13)
Chlorophenolates, liquid
Chlorophenolates, solid
Chlorpyrifos
Chlorthiophos
Copper cyanide
Copper metal powder
Coumaphos
Cresyl diphenylphosphate
Cupric cyanide
Cupric sulphate
1,5,9-cyclododecatriene
Cyhexatin
Cymenes (ortho-; meta-; para-)
Cymol
Cypermethrin
DDT
Dialifos
Diazinon
Dichlofenthion
Dichlorvos
Dieldrin
Dimethoate
Diphenylaminechloroarsine
Diphenylchloroarsine, liquid
Diphenylchloroarsine, solid
Dodecylphenol
Endosulfan
Endrin
EPN
Esfenvalerate
Ethion

Fenbutatin oxide
Fenitrothion
Fenpropathrin
Fenthion
Fentin acetate
Fentin hydroxide
Fonofos
Heptachlor
Hexachlorobutadiene
Hexachloro-1,3-butadiene
1,3-hexachlorobutadiene
Isopropyltoluene
Isopropyltoluol
Isoxathion
Lindane
Mercuric acetate
Mercuric ammonium chloride
Mercuric arsenate
Mercuric benzoate
Mercuric bisulphate
Mercuric bromide
Mercuric chloride
mercuric cyanide
Mercuric gluconate
Mercuric nitrate
Mercuric oleate
Mercuric oxide
Mercuric oxycyanide, desensitized
Mercuric potassium cyanide
Mercuric sulphate
Mercuric thiocyanate
Mercurol
Mercurous acetate
Mercurous bisulphate
Mercurous bromide
Mercurous chloride
Mercurous nitrate
Mercurous salicylate
Mercurous sulphate
Mercury acetate
Mercury ammonium chloride
Mercury-based pesticide, liquid, flammable, toxic, flashpoint less than 23°C c.c.
Mercury-based pesticide, liquid, toxic
Mercury-based pesticide, liquid, toxic, flammable, flashpoint between 23°C and 61°C c.c.
Mercury-based pesticide, solid, toxic
Mercury benzoate
Mercury bichloride
Mercury bisulphate

Mercury bromides
Mercury compound, liquid, n.o.s.
Mercury compound, solid, n.o.s.
Mercury(ii) (mercuric) compounds or Mercury(i) (mercurous) compounds
Mercury cyanide
Mercury gluconate
Mercury nucleate
Mercury oleate
Mercury oxide
Mercury oxycyanide, desensitized
Mercury potassium cyanide
Mercury potassium iodide
Mercury salicylate
Mercury sulphate
Mercury thiocyanate
Methylpropylbenzenes
Mevinphos
Nickel carbonyl
Nickel cyanide
Nickel tetracarbonyl
Organotin compound, liquid, n.o.s.
Organotin compound, solid, n.o.s.
Organotin compounds
(pesticides)
Organotin pesticide, liquid, flammable, toxic, flashpoint less than 23°C c.c.
Organotin pesticide, liquid, toxic
Organotin pesticide, liquid, toxic, flammable, flashpoint between 23°C and 61°C c.c.
Organotin pesticide, solid, toxic
Osmium tetroxide
Parathion
Parathion-methyl
PCB's
Pentachlorophenol
Pentachlorophenol
Phenarsazine chloride
Phenthoate
Phenylmercuric acetate
Phenylmercuric compound, n.o.s.
Phenylmercuric hydrox-ide
Phenylmercuric nitrate
Phorate
Phosalone
Phosphamidon
Phosphorus, white, dry
Phosphorus, white, molten
Phosphorus, white, under water
Phosphorus, yellow, dry
Phosphorus, yellow, molten

Phosphorus, yellow, under water
Polychlorinated biphenyls
Polyhalogenated biphenyls, liquid
Polyhalogenated biphenyls, solid
Polyhalogenated ter-phenyls, liquid
Polyhalogenated ter-phenyls, solid
Potassium cuprocyanide
Potassium cyanocuprate
Potassium cyanomercurate
Potassium mercuric iodide
Pyrazophos
Quizalofop
Quizalofop-p-ethyl
Sodium copper cyanide, solid
Sodium copper cyanide, solution
Sodium cuprocyanide, solid
Sodium cuprocyanide, solution
Sodium pentachlorophenate
Sulprophos
White phosphorus, dry
White phosphorus, wet
Yellow phosphorus, dry
Yellow phosphorus, wet
Terbufos
Tetrachlorvinphos

Appendix 4**Radioactive materials**

Radioactive materials which are transported in type B package, or as fissile materials, or under special arrangements, as covered by the provisions of schedule 10 to 13 of class 7 of the International Maritime Dangerous Goods Code.

Appendix 5

Liquefied gases carried in bulk

Acetaldehyde
Anhydrous ammonia
Chlorine
Dimethylamine
Ethyl chloride
Ethylene oxide
Hydrogen chloride, anhydrous
Hydrogen fluoride, anhydrous
Methyl bromide
Methyl Chloride
Sulphur dioxide
Vinyl chloride monomer
