



Treaty Series No. 109 (1995)

Amendments

to the Annex to the Protocol relating to the
Intervention on the High Seas in cases of
Marine Pollution by Substances other than Oil,
1973

[The Amendments entered into force on 24 July 1992]

*Presented to Parliament
by the Secretary of State for Foreign and Commonwealth Affairs
by Command of Her Majesty
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AMENDMENTS¹
TO THE ANNEX TO THE PROTOCOL RELATING TO THE
INTERVENTION ON THE HIGH SEAS IN CASES OF MARINE
POLLUTION BY SUBSTANCES OTHER THAN OIL, 1973²

ANNEX
List of Substances

APPENDIX 1

*Oil carried in bulk as listed in appendix I to Annex I of MARPOL 73/78³ other
than those covered by the 1969 Intervention Convention⁴*

<i>Asphalt solutions</i>	<i>Gasolines blending stocks</i>
Blending stocks	Alkylates—fuel
Roofers flux	Reformats
Straight run residue	Polymer—fuel
<i>Oils</i>	<i>Gasolines</i>
Clarified	Casinghead (natural)
Road oil	Automotive
Transformer oil	Aviation
Aromatic oil (excluding vegetable oil)	Straight run
Mineral oil	Fuel oil No. 1 (Kerosene)
Motor oil	Fuel oil No. 1-D
Penetrating oil	Fuel oil No. 2
Spindle oil	Fuel oil No. 2-D
Turbine oil	
<i>Distillates</i>	<i>Jet fuels</i>
Straight run	JP-1 (Kerosene)
Flashed feed stocks	JP-3
<i>Gas oil</i>	JP-5 (Kerosene, heavy)
	Turbo fuel
Cracked	Kerosene
	Mineral spirit
<i>Naphtha</i>	
Solvent	
Petroleum	
Heartcut distillate oil	

APPENDIX 2

Noxious liquid substances carried in bulk

Acetone cyanohydrin
Acetic anhydride
Acrylonitrile
Alcohol (C12–C15) poly (1–3) ethoxylates
Alcohol (C12–C15) poly (3–11) ethoxylates
Alcohol (C6–C17) (secondary) poly (3–6) ethoxylates
Alcohol (C6–C17) (secondary) poly (7–12) ethoxylates
Allyl alcohol
Allyl chloride
Ammonium sulphide solution (45% or less)
Aniline
Benzene and mixtures having 10% benzene or more

¹The Amendments were adopted at the Thirty-First Session of the Marine Environment Protection Committee on 4th July 1991 by Resolution MEPC.49(31) in conformity with Article III to the Protocol.

²Treaty Series No. 27 (1983), Cmnd. 8924.

³Miscellaneous No. 26 (1974), Cmnd. 5748.

⁴Treaty Series No. 77 (1975), Cmnd. 6056.

Benzyl chloride
 Butene oligomer
 n-Butyl acrylate
 Butylbenzenes (all isomers)
 Butyl benzyl phthalate
 n-Butyraldehyde
 Calcium hypochlorite solution (more than 15%)
 Calcium naphthenate in mineral oil
 Camphor oil
 Carbolic oil
 Carbon disulphide
 Carbon tetrachloride
 Chlorinated paraffins (C10-C13)
 Chlorobenzene
 Chloroform
 o-Chloronitrobenzene
 m-Chlorotoluene
 o-Chlorotoluene
 p-Chlorotoluene
 Chlorotoluenes (mixed isomers)
 Coal tar
 Coal tar naphtha solvent
 Cobalt naphthenate in solvent naphtha
 Creosote (coal tar)
 Creosote (wood)
 Cresols (all isomers)
 Cresylic acid, sodium salt solution
 Crotonaldehyde
 Cyclohexyl acetate
 1,3-Cyclopentadiene dimer (molten)
 Cyclopentene
 Decene
 Decyl acrylate
 Decyl alcohol (all isomers)
 Dibutyl phthalate
 Dichlorobenzenes (all isomers)
 1,1-Dichloroethane
 Dichloroethyl ether
 1,6-Dichlorohexene
 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
 1,1-Dichloropropane
 1,2-Dichloropropane
 1,3-Dichloropropane
 1,3-Dichloropropene
 Dichloropropene/Dichloropropane mixtures
 Diethyl sulphate
 Diglycidyl ether of bisphenol A
 Diglycidyl ether of bisphenol F
 Di-n-hexyl adipate
 Diisobutylene
 Diisobutyl phthalate
 Diisopropylbenzene (all isomers)
 Dimethyl adipate
 Dimethylamine solution (45% or less)
 Dimethylamine solution (greater than 45% but not greater than 55%)
 Dimethylamine solution (greater than 55% but not greater than 65%)
 Dinitrotoluene (molten)
 Diphenyl
 Diphenyl/Diphenyl ether mixtures
 Diphenyl ether

Diphenyl ether/Diphenyl phenyl ether mixture
Diphenylmethane diisocyanate
Diphenylol propane-epichlorohydrin resins
Dodecene (all isomers)
Dodecyl alcohol
Dodecyl diphenyl ether disulphonate solution
Dodecyl phenol
Drilling brines, containing Zinc salts
Epichlorohydrin
Ethyl acrylate
Ethylene chlorohydrin
Ethylene dibromide
Ethylene dichloride
2-Ethylhexyl acrylate
2-Ethylhexylamine
Ethylidene norbornene
o-Ethylphenol
2-Ethyl-3-propylacrolein
Ethyltoluene
Fluorosilicic acid
Fumaric adduct of rosin, water dispersion
Glycidyl ester of C10 trialkylacetic acid
Heptyl acetate
Hexyl acetate
2-Hydroxyethyl acrylate
Isobutyl acrylate
Isophorone diisocyanate
Isopropylbenzene
Lactonitrile solution (80% or less)
Lauric acid
Mercaptobenzothiazol, sodium salt solution
Metam sodium solution
Methacrylic resin in 1,2-Dichloroethane solution
Methacrylonitrile
Methyl acrylate
Methylcyclopentadiene dimer
2-Methyl-5-ethyl pyridine
Methyl heptyl ketone
Methylnaphthalene
2-Methylpyridine
4-Methylpyridine
N-Methyl-2-pyrrolidone
Methyl salicylate
alpha-Methylstyrene
Motor fuel anti-knock compounds
Naphthalene (molten)
Naphthenic acids
Nitrobenzene
o-Nitrophenol (molten)
Nonene
Nonylphenol
Nonylphenol poly (4-12) ethoxylates
Octane (all isomers)
Octene (all isomers)
Octyl aldehydes
Octyl nitrates (all isomers)
Olefin mixtures (C5-C15)
Oleum
alpha-Olefins (C6-C18) mixtures
Pentachloroethane
Perchloroethylene
Phenol

Phosphorus, yellow or white
 Pinene
 n-Propyl chloride
 Propylene tetramer
 Propylene trimer
 Rosin
 Rosin soap (disproportionated) solution
 Sodium hydrosulphide/Ammonium sulphide solution
 Sodium hydrosulphide solution (45% or less)
 Sodium sulphide solution
 Sodium nitrite solution
 Sodium thiocyanate solution (56% or less)
 Styrene monomer
 Tall oil (crude and distilled)
 Tall oil soap (disproportionated) solution
 Tetrachloroethane
 Toluene
 Toluene diisocyanate
 Tributyl phosphate
 1,2,4-Trichlorobenzene
 1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 Trichloroethylene
 1,2,3-Trichloropropane
 Tricresyl phosphate (containing less than 1% ortho-isomer)
 Tricresyl phosphate (containing 1% or more ortho-isomer)
 Triethylbenzene
 Trimethyl benzenes (all isomers)
 Trimethylhexamethylene diisocyanate (2,2,4- and 2,4,4-isomers)
 Trixylyl phosphate
 Turpentine
 l-Undecene
 Undecyl alcohol
 Vinylidene chloride
 Vinyl neodecanoate
 Vinyltoluene
 White spirit, low (15–20%) aromatic
 Xylenol

APPENDIX 3

Harmful substances carried in packaged form

Substances

Binapacryl
 Cadmium compounds, except Cadmium selenide and Cadmium sulphide
 Chlorined paraffins (C10-C13)
 Chlorophenates
 Copper cyanide
 Coumarin derivative pesticides as follows:
 Brodifacoum
 Coumaphos
 Cresyl diphenyl phosphate
 Cypermethrin
 Diphenylamine chloroarsine
 Diphenylchloroarsine
 Dodecylphenol
 Ethyldichloroarsine
 Fenprothrin
 Hexachlorobutadiene
 Mercuric arsenate
 Mercuric chloride
 Mercuric nitrate

Mercuric potassium cyanide
Mercurous nitrate
Mercury acetates
Mercury ammonium chloride
Mercury based pesticides
Mercury benzoate
Mercury bromides
Mercury compounds except Mercuric sulphide and Mercury iodide
Mercury cyanide
Mercury gluconate
Mercury nucleate
Mercury oleate
Mercury oxide
Mercury oxycyanide desensitized
Mercury potassium iodide
Mercury salicylate
Mercury sulphates
Mercury thiocyanate
Nickel cyanide
Nickel carbonyl

Substances

Organochlorine pesticides as follows:

Aldrin
Camphechlor
Chlordane
DDT
Dieldrin
Endosulfan
Endrin
Heptachlor
Lindane (gamma-BCH)

Organophosphorus pesticides as follows:

Azinphos-methyl
Azinphos-ethyl
Bromophos-ethyl
Carbophenothion
Chlorpyrifos
Chlorthiophos
Dialifos
Diazinon
Dichlofenthion
Dichlorvos
Dimethoate
EPN
Ethion
Fenitrothion
Fenthion
Fonofos
Isoxathion
Mevinphos
Parathion
Parathion-methyl
Pirimiphos ethyl
Phenthoate
Phorate
Phosalone
Phosphamidon
Pyrazophos
Sulprophos
Terbufos

Organotin compounds

Organotin pesticides
Osmium tetroxide
Pentachlorophenol
Phenylmercuric acetate
Phenylmercuric compounds
Phenylmercuric nitrate
Phosphorus, white or yellow

Substances

Polychlorinated biphenyls or terphenyls
Polyhalogenated biphenyls or terphenyls
Potassium cuprocyanide
Silver arsenite
Sodium cuprocyanide
Sodium pentachlorophenate
Triaryl phosphates
Tricresyl phosphates, more than 1% ortho-isomer
Zinc cyanide

APPENDIX 4

Radioactive materials

Radioactive materials which are transported in type B packages, or as fissile materials, or under special arrangement, as covered by the provisions of schedules 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

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