INTERNATIONAL CONFERENCE ON MARINE POLLUTION, 1973

INFORMATION MATERIAL RELATED TO THE CONSIDERATION OF THE DRAFT INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973 AND ITS ANNEXES

Submitted by the International Chamber of Shipping

The attached note* containing a list of substances presently being transported in bulk, is submitted by the International Chamber of Shipping for information of delegates in consideration of Annex II of the Convention.

* Due to the limited number of copies available two copies (in English) per delegation of the attachment will be distributed during the Conference.
IMCO MARINE POLLUTION CONVENTION

ANNEX II

LIST OF SUBSTANCES PRESENTLY
BEING TRANSPORTED IN BULK

Note by International Chamber of Shipping (ICS)

Reference is made to the ICS submission to the Conference (MP/CONF/8/4) in which, commenting on Regulation 3 of Annex II, ICS offered its assistance in compiling a list of substances currently being carried in bulk. Such a list, excluding those substances already covered by Annex II, is now attached.

ICS regrets that lack of information has necessitated, in a number of cases, the use of trade names rather than correct technical nomenclature. However, in compiling the list, every effort has been made to avoid synonyms.
LIST OF SUBSTANCES NOT INCLUDED IN APPENDIX II OR
APPENDIX III TO ANNEX II

"AC-45-C" (4.5% wt. of superbasic calcium salt in alkyl salicylic acid in oil).

Acetal
Acetin
Acetoacetic ether
Acetone oil
Acetophenone
Acetonyl acetone
n-Acetyl morpholine
Acidulated animal/vegetable oils (various blends)
"Acintene B"
"Acintol FA-1 special"
"Acintol FAX"
"Air-turbo fuel", naphtha type
"Alcohol 8510"
"Alfols"
Allyl amine
Allyl bromide
"Alphanol- 79"
sec Amyl acetate
p iso-Amyl alcohol
sec n-Amyl alcohol
sec iso-Amyl alcohol
Amyl amine
Amyl benzene
n-Amyl formate
Amyl mercaptan
Amyl naphthalene
Amyl olate
c-Amyl phenol
Amyl salicylate
Amyl stearate
Amyl toluene
"Anglamol 99"
Animal and vegetable oils
Antifreeze
Anti-icing additive
Apple juice
"Arkopol" (alkyl phenol polyglycol ether)
"Aromasols"
Aromatic Oil
Aromatic residue
"Aromatic solvent 100"
"Aromatic solvent 150"
Aviation additive
Aviation alkylate
Balsam turpentine
Base oils (blown oils)
Benzaldehyde
Benzyl acetate
Benzyl benzoate
Benzyl glycol
Black wax residue
Bone oil
Brake fluid, glycol base
Brandy
Bright stock slack wax
Bromine
Bromobenzene
Butadiene monoxide
"Butakon"
sec Butanol
tert Butanol
2-Butene 1, 4-diol
iso-Butyl acetate
tert Butyl acetate
n-Butyl amine
sec Butyl amine
tert Butyl amine
Butyl amine oleate
Butyl aniline  
n-Butyl benzene  
sec Butyl benzene  
tert Butyl benzene  
Butyl benzoate  
Buryl benzyl phthalate  
n-Butyl bromide  
sec Butyl bromide  
tert Butyl bromide  
sec Butyl carbinol  
Butylene chloride  
n-Butyl formate  
Butyl lactate  
n-Butyl mercaptan  
Butyl nitrate  
Butyl octanol  
Calcium magnesium chloride  
(solutions)  
Capric acid  
Caproic acid  
Caprolactum (solution)  
Caprylic acid  
"Caradols" (polypropylene triglycol ethers)  
Carbolic oil  
Carbon black feed stock  
"Cardura E" (glycidyl ester of saturated tert carboxylic acids)  
"Carnoo 2"  
"Certrex 39" (paint thinner)  
Chloroethyl acetate  
Creosote oil  
Creosote tar carbon black  
Crotonylene  
CTLA - polymer  
2-Cyanoethanol  
Cyclo heptane  
Cyclo hexene  
Cyclo hexene oxide  
Cyclo hexyl acetate  
Cyclo hexyl benzene  
Cyclo hexyl methane  
Cyclo pentane  
1,3-Cyclo pentadiene  
Cyclo pentanol  
Cyclo pentanone  
Cyclo pentene  
"Cyclo Sols"  
Decyl acrylate  
Denatured alcohol  
Detergent alkylate  
Diallyl phthalate  
Diamylamine  
Diamylene  
Diamyl ether  
Diamyl maleate  
Diamyl naphthalene  
Diamyl oxalate  
Diamyl phenol 2.4  
Diamyl sulphide  
Dibromomethane  
Dibutoxymethane  
n-Dibutylamine  
Dibutylamines (sec-, iso-)  
Dibutyl carbitol  
Dibutyl cellosolve  
Dibutyl phthalate  
Di-iso-Butylamine  
Di-n-Butylamine  
Di-sec-Butylamine  
Di-n-Butyl ketone  
Diisobutyl phthalate  
Dichloroethylene  
sym-Dichloroethylene  
Dichlorohexadiene  
1,3 Dichloropropane  
Dichloroisopropyl ether  
Dicyclopentadiene  
Diisodecyl adipate (plasticizer)  
Diisodecyl phthalate  
Diethyl acetamide
Diethyl carbonate  
Diethylene glycol ethyl ether  
Diethylene glycol ethyl ether acetate  
Diethylene glycol butyl ether  
Diethylene glycol butyl ether acetate  
Diethylethanolamine  
Diethyl oxalate  
Diethyl phthalate  
Diethyl sulphate  
Diethyl sulphide  
Diethyl tartrate  
Diglycol chlorohydrin  
Dimethyl acetamide  
Dimethylamine (anhydrous)  
Dimethyl ether  
Dimethyl phthalate  
Dinitrotoluene  
Dinonyl phthalate  
Diisononyl phthalate  
Dioctyl adipate  
Dioctooctyl adipate  
Diphenol alkane  
Diphenyl methane diisocyanate  
Diphenyl oxide  
Dipropylene glycol methyl ether  
Ditridecyl phthalate (plasticizer)  
1-Dodecene  
Dodecyl phenol  
Dodecyl Fumigant  
Dowanol P-65  
"Dow waste" (Propylene dichloride, tetrachloroethane)  
"Drip oil (UCC) BTX" & Olefins  
"Dutrex" (Various) (aromatic lubricating oil extracts)  
"ECA additives (ESSO) 9002, 1073, 4284, 1030, 1123, 5604, 5345"  
"Empilan"  
"ENJ 941" (ENJAY)  
"ENJ 1013" (mixed ketones and acetone)  
"ENJ 1038" (lube additive)  
"Espesol" (signal) Ethane  
"Ethoxol"  
"Ethoxylates"  
Ethyl acetoacetate  
(Ethyl acrylate)  
2-Ethyl butanol  
2-Ethylbutyl acetate  
Ethyl butyl carbonate  
Ethyl butyl ketone  
Ethyl butyraldehyde  
Ethyl butyrate  
2-Ethyl butyric acid  
Ethyl chloride  
Ethyl chloroformate  
Ethyl cyclopentane  
Ethyl formate  
Ethyl hexane  
Ethyl lactate  
Ethyl methacrylate  
Ethyl morpholine  
Ethyl nitrate  
Ethyl polyglycol  
Ethyl propionate  
Ethyl vinyl ether  
Ethylamine (monooethylamine)  
Ethylene carbonate  
Ethylene glycol diacetate  
Ethylene glycol monobutyl ether  
Ethylene glycol monobutyl ether acetate  
Ethylene glycol monoethyl ether acetate  
Ethylene glycol monomethyl ether  
Ethylene glycol monomethyl ether acetate (methyl cell solve acetate)  
Ethylene glycol methyl butyl ether  
Ethyleneimine  
Ethylene oxide  
2-Ethylhexoic acid  
2-Ethylhexyl acrylate
Ethylidene chloride
"EXA = 401" (Mobil) (lube additive)
Extender oils
Fatty acids (animal/vegetable), refined
Fish fatty acid, hydrogenated
"Flexol EPO" (epoxydized soyabean oil)
"Flexol EPO" (plasticizer)
(22 other types)
"Flexon 290"
"Flexon 845"
"Flexon 290" (Esso) heavy process oil
"Flotation Solvent"
Furan
Furfurylamine
Fusel oil (crude & refined)
Glucose (syrup)
Glycerol triacetate
Glyoxal 40% water solution
Greases
1-Hendecanol (1-undecanol)
2-Hendecanol (2-undecanol)
Heptan - 1 - oil
5-Heptanol
Hexaclorocyclopentadiene
1-Hexanol
1-Hexene
2-Hexene
Hexol acid
Octylene glycol
Hexyl ether
Hydrazine
Hydrocarbon process oils
Hydrofluorosillicic acid
Hydrogen chloride
Hydrogenated oils (animal/vegetable) (hardened oils)
Hydrogen fluoride
Hydrogen peroxide (up to 50% conc.)
"Hydrosol P.W."
Inksolvent
Isoamylene (mixed methyl butenes)
Isobutyrates (plasticiser)
Isododecanes
"Isomaxate"
"Isonad IT" (Shell)
"Isopar" (Esso) E, G, H, K, L, M, cosmetic grade
Isopropanolamine
"Kauri concentrate water solution"
"Laktone" (Esso) (aliphatic solvent)
"Iankroflex ED6"
Limonene
"Linevol 79, 91."
Linolenyl alcohol
"Lubrizol"! Lubrizol 1202, 1203, 1937, 1984, 351, 3513, 18143
"Lubrizol con. 58"
"Lubrizol con. 15610"
Magnesium chloride lye
Magnesium hydroxide (57% H.M. solution)
"Mesamoll"
Methacrylic acid
Methallyl alcohol (methallyl alcohol)
Methallyl chloride
Methylamine (24-40% solutions)
Methyl-n-amyl ketone (2-heptanone)
Methyl acetocetate
Methyl benzoate
Methyl benzy1 ether
Methyl bromide
Methyl butyl ketone
Methyl butyrate
Methyl cyclohexane
Methyl ethyl ether
Methyl ester CE=810
Methyl formate
2-Methyl furan
Methyl lactate
Methyl laurate
Methylnaphthalene alpha, beta
2-Methyl pentane
Methyl phenyl ketone
Methyl propionate
Methyl n-propyl ether
Methyl iso-propyl ketone
Methyl n-propyl ketone
Methyl salicylate
Myrcene
Myristyl alcohol (1-tetradecanol)
Naphthalene
Naphthenic oils
Niax polyols
Niax polyether (UCC) polyols
14-46, 16-46, 32-46, L0-56, and others
Nitroethane
Nitrogen fertilizers (ammonia/urea/water (ammonia/ammonium nitrate/water and/or urea) (ammonium nitrate/urea and water)
Nitromethane
1-Nitropropane
Nonane
Nonene
"Nonidet NP 40"
Nylon Salt
"N 70C"
n-Octyl acetate
n-Octyl chloride
Octylaldehyde
Octylol
Oleins
Ozokerite
"Pale oil 500"
"Pale oil 9000"
"Paleturbino"
"Paraflow 201, 149" (Esso lube additives)
Paraldehyde
"Paramid 500"
"Paranox (Esso lube additive)
15, 25, 45, 68, 221, 301, 351, 355, 356, 360
para-Phenetidene (4-aminophenol)
"Paratone N" (Esso) (lube additive)
"Paratone 430, 440, 455"
"Pegasol 2021 0, 7064
1516 0, 6839"
"Pegasols 100, R100, 150, R150, 3040, R3040, 3035" (mineral spirits)
"Pegasol 2021"
"Pegasol 1516"
"Pegasols 1030 – 1425, 1518, 2025, 3440 special, 3745, AR-395"
Pelargonic acid (nonanoic acid)
1-Pentene
2-Pentene
Pentene mixed
Petroleum sulphonates
"P.I.T.I."
"Phen"
Phenol hydrate
Phenyl hydrazine
Phenylethyl acetate
Phenylethyl alcohol
Phorone
Phosphorus trichloride
Phosphoryl chloride
alpha - Pinene
beta - Pinene
Plasticizer oil (Esso) AWS-540
Polyalkyl benzenes
Polybutylenes
Polyethers
Polyethylene glycols
Propylene dichloride
Propylene glycol monoethyl ether
n-Propyl benzene
iso-Propyl chloride
n-Propyl chloride
Propylene chlorohydrin
iso-Propyl formate
n-Propyl formate
Reconstituted Californian oil
"Revinex"

Rum

"Santicizers" (various)
Shell oils A, AB, E, T, PD
"Shell sols"
Sodium Hypochlorite solution
Sodium sulphide solutions
"Solvent No. 1" (Esso)
"Solvent No. 5" (Esso)
"Solvent 14"
"Solvent 26"
"Solvent 60"
"Solvent 100"
"Solvent 200"
"Solventar"
"Solvent heavy hydroformate" (Esso)
"Solvent PY 0.9371"
"Solvent K9 0.8866"
"Solvent K93 0.9735"
"Solvent AR 295"
"Sun solvents 70, 110, 510"
"Sunoco XX heavy cable, bright stock"
"Sundex 790, 96 golden, 9hf golden, 91 golden"
"Sun solvents 210"
"Sunise 59P"
"Sun solvent bright stock 165"
"ES 500 neutral"
"ES bright stock"
"Solvent neutral 150"
"Solvent neutral 600"
"Solvent bright stock 2500, 616, TY30, 678, 330, 141, 113, 318, 643/, 92, 0025, 0038, 0030, 0032, 0048, 065A (Mobil), 0062, 1/2 stock 640"
"Solvesse 100, 150, 200"
"Sovacide PY" (Mobil)
"Sovacide (Esso) 1.1B, 2, 3, 4, 5, 8C, 6, 6C, 35, 80, 140"

Spent caustic
Spent glycol
Sulphite lye
"Supersol 0.7848"
Styrene oxide
Sulpholane
"Sulphonate oils 150" (petroleum sulphonates)
Sulphurous acid
Sulphur, molten
"Sundex oil"
"Surfonic N-95" (detergent alcohol)
"Synperonic"
"Synperonic 50"
"Synprol"
Tallow oil fatty acids
Tan oil, rectified
"Tetrol 514, 610, GD53"
Tetrachloroethane
Tetradecane
Tetraethylene glycol
Tetraethylene pentamine
Tetrahydro-furfuryl alcohol
Tetrahydro-furfuryl acetate
"Texanol"
"Thermex"
"Topanol"
Tributoxyethyl phosphate
Tributyl phosphate
1,1,1 - Trichloroethane (methyl chloroform)
1,1,2 - Trichloroethane (vinyl trichloride)
Trichloropropane
Tridecane
Triethyl benzene
Triethyl benzene
Triethyl phosphate
Triisobutylene
Trimethylamine (25% solution)
Tripropylene glycol monomethyl ether
Trixylyl phosphate
Turpentine (gum) spirits
Urea formaldehyde solution (50%)
iso-Valeraldehyde
n-Valeraldehyde
"Varsols" (Esso) (aliphatic solvent)
"Veova 10" (Vinyl ester of tertiary carboxylic acids inhibited by hydroquinone methyl ether)
"Versatic 911"
"Versene"
Vinyl chloride monomer
Vinyl toluene
"Voranols"
"Witton blending mix"
m-Xylene
o-Xylene
Xylenols
Xylidine