

FOSFA LIST OF BANNED IMMEDIATE PREVIOUS CARGOES

(giving synonyms and alternative chemical names)

Acetone cyanohydrin (ACH; alpha-hydroxyisobutyronitrile; 2-methylactonitrile)
Acrylic acid (acroleic acid; propenoic acid)
Acrylonitrile (ACN; 2-propenenitrile; vinyl cyanide)
Adiponitrile (1,4-dicyanobutane)
Aniline (phenylamine; aminobenzene)
n-Butylacrylate
tert-Butylacrylate
Carbon tetrachloride (CTC; tetrachloromethane; perchloromethane)
Cardura E (tradename for a glycidyl esters of versatic 911 acid)
Cashew nut shell oil (CNSL; cashew nut shell liquid)
Crude mineral oil
Dibutylamine
Diethanolamine (DEA; di(2-hydroxyethyl)-amine)
Diethylenetriamine
Di-isopropylamine
Dipropylamine
m-Divinylbenzene (DVB; vinylstyrene)
Epichlorohydrin (EPI; Chloropropylene oxide)
Epoxy resins (uncured)
Ethyl acrylate
*Ethylene dichloride (EDC; 1,2-dichloroethane)
2-Ethylhexyl acrylate
Ethanolamine (MEA; monoethanolamine; colamine; 2-aminoethanol; 2-hydroxyethylamine)
Ethylenediamine (1,2-diaminoethane)
Furfuryl alcohol (furyl carbinol)
Glutaraldehyde
Heavy mineral oil – oils other than crude oils having either a density at 15 °C higher than 950 kg/m³ or a kinematic viscosity at 50 °C higher than 180 mm²/s, with the exception of lubricating oil without additives (base oil)
Hexamethylenediamine (1,6-diaminohexane; 1,6-hexanediamine)
Isocyanates
 These include:
 Toluene di-isocyanate (TDI)
 Polyphenyl polymethylene isocyanate (PAPI)
 Di-phenyl methane di-isocyanate (MDI)
 Methyl isocyanate
Lube oil additives
Methyl acrylate
Methyl methacrylate monomer

Methyl styrene monomer (vinyl toluene)
alpha-Methyl styrene monomer (AMS)
para-Methyl styrene monomer (PMS)
Morpholine (tetrahydro-1,4-oxazine)
Morpholine ethanol (n-hydroxyethylmorpholine)
Perchloroethylene (PCE; perc; tetrachloroethylene)
Phthalates

These include:

Di-allyl phthalate (DAP)
Di-iso decyl phthalate (DIDP)
Di-iso nonyl phthalate (DINP)
Di-iso octyl phthalate (DIOP)
Di-octyl phthalate (DOP)

n-Propylamine
Propylene oxide (Methyl oxirane; 1,2-epoxypropane)
Pyridine
*Styrene monomer (vinylbenzene; phenylethylene; cinnamene)
Tall oil (tallol; liquid rosin)
Tall oil fatty acid equivalent to ASTM type III
Transformer oils of PCB type
Vinyl acetate monomer (VAM)
Vinyl chloride monomer (VC; chloroethane; chloroethylene)

Restrictions beyond the Immediate Previous Cargo

Leaded products shall not be carried as the three previous cargoes.

* Ethylene Dichloride and Styrene Monomer shall not be carried as the three previous cargoes in organic coated tanks, or as the last cargo in stainless steel and inorganic coated tanks.