

**FOSFA LIST OF ACCEPTABLE PREVIOUS CARGOES**  
(giving synonyms and alternative chemical names)

- Acetic acid (ethanoic acid; vinegar acid; methane carboxylic acid)
- Acetic anhydride (ethanoic anhydride)
- Acetone (dimethylketone; 2-propanone)
- Acid oils and fatty acid distillates - from vegetable oils and fats and/or mixtures thereof and animal and marine fats and oils
- Ammonium hydroxide (ammonium hydrate; ammonia solution; aqua ammonia)
- Ammonium polyphosphate
- Ammonium sulphate solution
- Animal, marine and vegetable oils and fats including hydrogenated oils and fats - other than cashew shell nut oil, tall oil and jatropa oil
- Beeswax
- Benzyl alcohol - pharmaceutical and reagent grades only
- Beverages - alcoholic and non-alcoholic including fruit juices and potable water NOTE: potable water is acceptable only where the immediate previous cargo is on the FOSFA Acceptable List.
- n-Butyl acetate
- sec-Butyl acetate
- tert-Butyl acetate
- Calcium ammonium nitrate
- Calcium chloride solution
- Calcium lignosulphonate (sulphite lye, lignin liquor)
- Calcium nitrate
- Candelilla wax
- Carnauba wax (Brazil wax)
- Caustic potash (potassium hydroxide)
- Caustic soda (sodium hydroxide; sodium hydrate; lye; white caustic)
- Cyclohexane (hexamethylene; hexanaphthene; hexalhydrobenzene)
- Cyclohexanol (hexahydrophenol)
- Cyclohexanone (pimelic ketone; ketohexamethylene)
- Dairy products
- Epoxidised soyabean oil - with a minimum 7% oxirane oxygen content
- Ethanol (ethyl alcohol; spirits)
- Ethyl acetate (acetic ester; acetic ether; vinegar naphtha)
- Ethyl tertiary butyl ether (ETBE)
- 2-Ethylhexanol (2-ethylhexyl alcohol)
- Fatty acids:
  - Butyric acid (n-butyric acid; butanoic acid; ethyl acetic acid; propyl formic acid)
  - Valeric acid (n-pentanoic acid; valerianic acid)
  - Caproic acid (n-hexanoic acid)
  - Heptoic acid (n-heptanoic acid)
  - Caprylic acid (n-octanoic acid)
  - Pelargonic acid (n-nonanoic acid)
  - Capric acid (n-decanoic acid)

Lauric acid (n-dodecanoic acid)  
Lauroleic acid (dodecenoic acid)  
Myristic acid (n-tetradecanoic acid)  
Myristoleic acid (n-tetradecenoic acid)  
Palmitic acid (n-hexadecanoic acid)  
Palmitoleic acid (cis-9-hexadecenoic acid)  
Stearic acid (n-octadecanoic acid)  
Ricinoleic acid (cis 12-hydroxy octadec-9-enoic acid; castor oil acid)  
Oleic acid (n-octadecenoic acid)  
Linoleic acid (9,12-octadecadienoic acid)  
Linolenic acid (9,12,15-octadecatrienoic acid)  
Arachidic acid (eicosanoic acid)  
Behenic acid (docosanoic acid)  
Erucic acid (cis 13-docosenoic acid)

Fatty alcohols - natural alcohols

Butyl alcohol (1-butanol; butyric alcohol)  
Caproyl alcohol (1-hexanol; hexyl alcohol)  
Enanthyl alcohol (1-heptanol; heptyl alcohol)  
Capryl alcohol (1-n-octanol; heptyl carbinol; methyl hexyl carbinol)  
Nonyl alcohol (alcohol C-9, 1-nonanol; pelargonic alcohol; octyl carbinol)  
Decyl alcohol (1-decanol)  
Lauryl alcohol (n-dodecanol; dodecyl alcohol)  
Myristyl alcohol (1-tetradecanol; tetradecanol)  
Cetyl alcohol (alcohol C-16; 1-hexadecanol; cetylic alcohol; palmityl alcohol; n-primary hexadecyl alcohol)  
Stearyl alcohol (1-octadecanol)  
Oleyl alcohol (octadecenol)  
Lauryl myristyl alcohol (C12 - C14 blend)  
Cetyl stearyl alcohol (C16 - C18 blend)

Fatty alcohols - synthetic primary alcohols (C9 – C15)

Fatty acid esters – mono-alkyl esters of fatty acids produced by the reaction of oils and fats and fatty acids with an alcohol

Formic acid (methanoic acid; hydrogen carboxylic acid)  
Fructose (D-fructose; levulose)  
Glucose (glucose syrup; corn syrup; dextrose solution)  
Glycerine (glycerol; glycerin; glycol alcohol; trihydric alcohol)

Glycols:

Butylene glycol and butanediol (1,3-butylene glycol; 1,3-butanediol; 1,4-butylene glycol; 1,4-butanediol; 2,3 butylene glycol; 2,3-butanediol)  
Polypropylene glycol (PG)  
Propylene glycol (1,2 propylene glycol: 1,2-propanediol; 1,2-dihydroxypropane; monopropylene glycol (MPG); methyl glycol)  
1,3-Propylene glycol (trimethylene glycol; 1,3-propanediol)

n-Heptane (dipropylmethane)  
n-Hexane  
Hydrogen peroxide  
Isobutanol (isobutyl alcohol; 2-methyl-1-propanol; isopropylcarbinol)  
Isobutyl acetate  
Isodecanol (isodecyl alcohol)  
Isononanol (isononyl alcohol)  
Isooctanol (isooctyl alcohol)  
Isopropanol (IPA; isopropyl alcohol; 2-propanol; dimethyl carbinol)  
Kaolin slurry  
Lecithin  
Limonene (dipentene)  
Magnesium chloride solution (magnogene)  
Methanol (methyl alcohol)  
Methyl acetate  
Methyl ethyl ketone (MEK; 2-butanone)  
Methyl isobutyl ketone (MIBK; hexone; 4-methyl-2-pentanone; iso propylacetone)  
Methyl tertiary butyl ether (MTBE)  
Molasses  
n-Nonane (nonyl hydride)  
Paraffin wax - edible grade  
Pentane (amyl hydride)  
Phosphoric acid (ortho phosphoric acid)  
Propane-1-ol (propyl alcohol; 1-propanol)  
n-Propyl acetate  
Propylene tetramer (tetrapropylene; dodecene)  
Silicon dioxide (microsilica)  
Sodium silicate (water glass)  
Sorbitol (d-sorbitol; hexahydric alcohol; d-sorbite)  
Sulphuric acid  
Urea (carbamide)  
Urea ammonia nitrate solution (UAN)  
White mineral oil (liquid paraffin oil) - edible grade  
Wine lees (vinasses, vinaccia, argol, vini, argil arcilla, weinstein, crude cream of tartare, crude potassium biturate)

### **Restrictions beyond the Immediate Previous Cargo**

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

Ethylene Dichloride and Styrene Monomer (both of which are on the FOSFA Banned List) 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.