

| CARGO INFORMATION SCHEME | | | |
|---|--------------------|-------------------------|---------|
| Chemical name | Ethyl Alcohol | Last update | July-97 |
| Common names | | UN number | |
| Chemical formular | | MFAG number | |
| Chemical family | | MARPOL Annex | II |
| Colour | Colourless | Annex II pollution cat. | |
| Odour | Like Vodka | IMO Ships type | 3 |
| Own reaction | | Density @ 15°C | 0.08100 |
| Reaction with water | | Correction factor/°C | 0.00085 |
| Reaction other | | Petroleum tables used | |
| Solubility with water | | Melting point °C | -117 |
| Compatibility number | 20 | Boiling point °C | 78 |
| Separate from no. (USCG) | | Flash point °C | 12 |
| Type of toxic test tubes | | Auto-ignition point °C | |
| Toxicity in case of fire | | Viscosity | 1.08 cp |
| Fire extinguishing agent | | Odour limit ppm | |
| Special fire procedure | | Explos. limits Vol % | |
| Spill or leak procedure | | Vapour press kPa/20 | |
| | | Vapour dens.rel to air | |
| SAFETY AND FIRST AID INFORMATION | | | |
| Main hazard | | Health risk | |
| Symptoms if exposed | | TLV ppm | |
| Personal protection aid | | Is it a cancer agent | |
| | | Is antidote available | |
| First aid | | | |
| Eye contact | | | |
| Skin contact | Aggresive | | |
| Inhalation | Poisonous | | |
| Ingestion | | | |
| CARGO HANDLING | | | |
| Coating requirements | | Voyage temp. °C | |
| Wall wash tests | Yes | Discharge temp. °C | |
| Previous cargo(es) | | Preheating of tanks | |
| Fresh water flush | Yes | Cirkulation on voyage | |
| Demiwater flush | | Inhibitor certificate | |
| Condition prior to loading | Very clean and dry | Sweeping after disch. | |
| Remarks | | Heat adjacent | |
| Remarks | | | |

| TANKCLEANING - after discharge | |
|---|----------------|
| Prewash (not marpol) | |
| Ordinary bw wash | Yes, cold wash |
| Recirculation | |
| Steaming | |
| Removal of rob | |
| Hand hosing/high press | |
| Chemicals for washing | |
| SPECIAL INSTRUCTIONS | |
| <p>Ethyl alcohol must under no circumstances be loaded after the following products:</p> <p>Acrylates, Acetaldehyde, Alfol, Aphanol, Benzene, Bisoflex plastisisers, Bisol, Cashet nut shell liquidor, Cyclo hexane, Cyclo hexanol, Cyclo hexanone, Diacetone alcohol, Diethanamine, Distilate odourless kerosine, Ethyl butanol, Fusel oil, Fennol, Gasoline, Hydroxyl ethyl metacrylate, Hydroxyl propylene acrylate, Hydroxyl propyl metacrylate, Isophore, Lul oils, Metacrylates, Mono ethanol amine, Odourless kerosine, Phenolic resins in caustic, Phenolic resins in solvent, Phenolic resins in water, Phylates, Polybutenes, Polyester resins in styrene, Smeerolieen, Solvent naphta, Styrene, Supersols, Tertiare dodecyl, Triethanolamine, White oil medicals</p> | |