

| CARGO INFORMATION SCHEME | | | |
|---|--|-------------------------|----------|
| Chemical name | Luboil/Baseoil | Last update | 04/21/99 |
| Common names | Lubes | UN number | |
| Chemical formular | | MFAG number | 310 |
| Chemical family | Oils | MARPOL Annex | I |
| Colour | Grey-Green | Annex II pollution cat. | |
| Odour | | IMO Ships type | |
| Own reaction | Stable | Density @ 15°C | 0.9400 |
| Reaction with water | No | Correction factor/°C | |
| Reaction other | Insolube | Petroleum tables used | 54D |
| Solubility with water | 33 | Melting point °C | 36 |
| Compatibility number | 3 | Boiling point °C | >250 |
| Separate from no. (USCG) | | Flash point °C | >135 |
| Type of toxic test tubes | | Auto-ignition point °C | >270 |
| Toxicity in case of fire | Yes | Viscosity | |
| Fire extinguishing agent | Dry chem. or foam | Odour limit ppm | |
| Special fire procedure | | Explos. limits Vol % | |
| Spill or leak procedure | Absorbent materials e.g. sand, sawdust. | Vapour press kPa/20 | |
| | | Vapour dens.rel to air | |
| SAFETY AND FIRST AID INFORMATION | | | |
| Main hazard | Low hazard, avoid mist of oil | Health risk | |
| Symptoms if exposed | | TLV ppm | |
| Personal protection aid | Yes | Is it a cancer agent | |
| | | Is antidote available | |
| First aid | | | |
| Eye contact | Rinse plenty of water | | |
| Skin contact | Irritating. Wash off with soap and plenty of water | | |
| Inhalation | Fresh air | | |
| Ingestion | Rinse the mouth with fresh water | | |
| CARGO HANDLING | | | |
| Coating requirements | Stainless steel, epoxy | Voyage temp. °C | 50-60 |
| Wall wash tests | | Discharge temp. °C | 50-60 |
| Previous cargo(es) | | Preheating of tanks | No |
| Fresh water flush | Yes | Cirkulation on voyage | No |
| Demiwater flush | | Inhibitor certificate | No |
| Condition prior to loading | Clean and completely dry | Sweeping after disch. | Yes |
| Remarks | | Heat adjacent | |
| Remarks | Yes | | |
| TANKCLEANING – after discharge | | | |

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| Prewash (not marpol) | Yes, with gasoil |
| Ordinary bw wash | Yes. 80 deg |
| Recirculation | With gasoil 30 min and Wattensol N 2 hrs |
| Steaming | Yes, 1 hr |
| Removal of rob | |
| Hand hosing/high press | Yes |
| Chemicals for washing | |
| SPECIAL INSTRUCTIONS | |
| <p>There must be absolutely no water in the tanks, pumps, lines and or filters. When valves are in loading position high pressure air is to be blown into the tank. Heating coils are to be pressure tested to secure that they are tight.</p> <p>All packings on butterworth covers and tank hatches must be checked and found tight and in good condition. All packings must be buttered with silicone.</p> | |