FORM 2.06.01

# CARGO INFORMATION SCHEME

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|---|---|---|---|
| **Chemical name** | Caustic Soda Solution 50% | Last update | 04/22/99 |
| Common names | Sodium Hydroxide | UN number | 1824 |
| Chemical formular | NaOH | MFAG number | 705 |
| Chemical family | Caustics | MARPOL Annex | II |
| Colour | Clear | Annex ll pollution cat. | D |
| Odour | | IMO Ships type | 3 |
| Own reaction | Stable | Density @ 15°c | 1.5000 |
| Reaction with water | As a solution, no reaction | Correction factor/°c | 0.00010 |
| Reaction other | Attacks clothing and a few metals | Petrolum tables used | No |
| Solubility with water | Complete | Melting point °c | 5 |
| Compatibility number | | Boiling point °c | 148 |
| Separate from no. (USCG) | 1,2,3,4,11,12,16,17,19,20,21,22,42 | Flash point °c | |
| Type of toxic test tubes | | Auto-ignition point °c | |
| Toxicity in case of fire | | Viscosity | 60 mPas |
| Fire extinguishing agent | | Odour limit ppm | |
| Special fire procedure | | Explos. limits Vol % | |
| Spill or leak procedure | Wash overboard with copious amounts of water. | Vapour press kPa/20 | |
| EMS 8-06 | Protective clothing, boots, visir, gloves | Vapour dens.rel to air | |

## SAFETY AND FIRST AID INFORMATION

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|---|---|---|---|
| Main hazard | Contact with liquid | Health risk | Moderate |
| Symptoms if exposed | Redness, chemical burns | TLV ppm | |
| Personal protection aid | Gloves, goggles, oilskin, boots | Is it a cancer agent | |
| | | Is antidote available | |

### First aid

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|---|---|
| Eye contact | Rinse with water immediately |
| Skin contact | Aggresive, the product is highly basic and give very bad cauterization, rinse with plenty of water immidiately |
| Inhalation | Fresh air, rinse nose and drink water. Remove to fresh air. Artificial respiration if necesaary. |
| Ingestion | Do not induce vomitting, drink plenty of water |

## CARGO HANDLING

| | | | |
|---|---|---|---|
| Coating requirements | Stainless and epoxy | Voyage temp. °c | 35-45 |
| Wall wash tests | No | Discharge temp. °c | 35-45 |
| 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 dry | Sweeping after disch. | No |
| Remarks | | Heat adjacent | Yes |
| Remarks | | | |
| **TANKCLEANING - after discharge** | | | |
| Prewash ( not marpol ) | | | |
| Ordinary bw wash | 2 cyckles with hot water, about 50 deg. | | |
| Recirculation | | | |
| Steaming | | | |
| Removal of rob | | | |
| Hand hosing/high press | | | |
| Chemicals for washing | | | |
| **SPECIAL INSTRUCTIONS** | | | |
| No | | | |