

# CARGO INFORMATION SCHEME

Chemical name	Potassium Hydroxide Solution 50%	Last update	juli, 1998
Common names	Potassium Hydroxide / Potash.	UN number	1814
Chemical formular	KOH	MFAG number	705
Chemical family	Caustic	MARPOL Annex	II
Colour	Clear	Annex II pollution cat.	C
Odour	None	IMO Ships type	III
Own reaction	Stable	Density @ 15°C	1,5100
Reaction with water	Reacts and develops heat	Correction factor/°C	0,00070
Reaction other	Many metal, organic compounds	Petroleum tables used	
Solubility with water	Yes, completly	Melting point °C	10
Compatibility number	5	Boiling point °C	145
Separate from no. (USCG)	1-4, 11, 12, 16, 17, 19-22, 24.	Flash point °C	
Type of toxic test tubes	None	Auto-ignition point °C	
Toxicity in case of fire	None	Viscosity	6,6 mPa s
Fire extinguishing agent	None	Odour limit ppm	
Special fire procedure	None	Explos. limits Vol %	
Spill or leak procedure	Neutrslize and excess water	Vapour press kPa/20	
		Vapour dens.rel to air	

## SAFETY AND FIRST AID INFORMATION

Main hazard	Corrosive	Health risk	High
Symptoms if exposed	Burns eye and skin	TLV ppm	2 mg/m <sup>3</sup>
Personal protection aid	Splash suit, goggles, facesheild, gloves	Is it a cancer agent	No
		Is antidote available	No

### First aid

Eye contact	Rinse with plenty water for 15 min. Seek medical advice
Skin contact	Rinse with plenty water for 15 min. Seek medical advice
Inhalation	Not possible
Ingestion	Dring water, do not induce vomit. Seek medical advice.

## CARGO HANDLING

Coating requirements	Stainless steel suitable	Voyage temp. °C	35-40
Wall wash tests	No	Discharge temp. °C	
Previous cargo(es)		Preheating of tanks	No
Fresh water flush	Yes	Cirkulation on voyage	
Demiwater flush	No	Inhibitor certificate	
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	1,5 - 2 hour warm water abt. 40-45 °C

Recirculation	
Steaming	
Removal of rob	
Hand hosing/high press	
Chemicals for washing	
<b>SPECIAL INSTRUCTIONS</b>	