

CARGO INFORMATION SCHEME			
Chemical name	Toluene	Last update	juli, 1998
Common names		UN number	1294
Chemical formular	C ₆ H ₅ CH ₃	MFAG number	310
Chemical family	Aromatic Hydrocarbons	MARPOL Annex	II
Colour	W/W	Annex II pollution cat.	C
Odour	Aromatic	IMO Ships type	3
Own reaction	Stable	Density @ 15°C	0,87
Reaction with water	None	Correction factor/°C	0,0009
Reaction other	Reacting with oxidizing substances	Petroleum tables used	no
Solubility with water	Poor 0,047g/100ml	Melting point °C	-95
Compatibility number	32	Boiling point °C	111
Separate from no. (USCG)	3	Flash point °C	7
Type of toxic test tubes	Toluene 10/a order no. 6733161	Auto-ignition point °C	
Toxicity in case of fire	No	Viscosity	
Fire extinguishing agent	CO ₂ , Foam, Powder, Water Fog	Odour limit ppm	0,17
Special fire procedure		Explos. limits Vol %	
Spill or leak procedure	Use absorbent and keep in tight container	Vapour press kPa/20	
		Vapour dens.rel to air	3,14
SAFETY AND FIRST AID INFORMATION			
Main hazard	Fire, inhalation of vapours	Health risk	Moderate
Symptoms if exposed	Dizziness, headache	TLV ppm	35
Personal protection aid	Gasmask with filter A2, Goggles, Gloves	Is it a cancer agent	Yes
		Is antidote available	
First aid			
Eye contact	Wash with plenty of water for 15 min		
Skin contact	Wash with water and soap		
Inhalation	Seek fresh air, if nessasery artificial resp.		
Ingestion	Do not imduce vommiting. Drink milk		
CARGO HANDLING			
Coating requirements		Voyage temp. °C	no
Wall wash tests	wall wash standard	Discharge temp. °C	no
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	no
Remarks	easy product to handle		no

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	
Easy product to handle.	
Product is used as thinner so it has the same effect on the ships paint.	