

CARGO INFORMATION SCHEME			
Chemical name	Oleic acid	Last update	07/29/97
Common names		UN number	
Chemical formular		MFAG number	
Chemical family		MARPOL Annex	II
Colour	clear	Annex II pollution cat.	D
Odour		IMO Ships type	3
Own reaction		Density @ 15°C	0.89
Reaction with water		Correction factor/°C	0.00068
Reaction other		Petroleum tables used	
Solubility with water		Melting point °C	
Compatibility number		Boiling point °C	
Separate from no. (USCG)		Flash point °C	
Type of toxic test tubes		Auto-ignition point °C	
Toxicity in case of fire		Viscosity	low
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	aggressive		
Inhalation	poisonous vapours		
Ingestion			
CARGO HANDLING			
Coating requirements		Voyage temp. °C	
Wall wash tests		Discharge temp. °C	
Previous cargo(es)		Preheating of tanks	
Fresh water flush		Cirkulation on voyage	
Demiwater flush		Inhibitor certificate	
Condition prior to loading	clean an dry	Sweeping after disch.	yes***
Remarks		Heat adjacent	
Remarks			***full BA-protection
TANKCLEANING - after discharge			

Prewash (not marpol)	
Ordinary bw wash	yes
Recirculation	
Steaming	
Removal of rob	
Hand hosing/high press	
Chemicals for washing	Recirculating with caustic soda solution ph 13,5 is recommended. White spores are removed with phosphoric acid solution. Destilate of tallow (pig and meet)
SPECIAL INSTRUCTIONS	