

CARGO INFORMATION SCHEME			
Chemical name	Rapeseed oil crude	Last update	04/20/99
Common names		UN number	None
Chemical formular	Mixture	MFAG number	None
Chemical family	Esters	MARPOL Annex	II
Colour	Brownish	Annex II pollution cat.	D
Odour	Sweet	IMO Ships type	3
Own reaction	None	Density @ 15°C	0.9100
Reaction with water	None	Correction factor/°C	0.00068
Reaction other	Group 34	Petroleum tables used	No
Solubility with water	No	Melting point °C	-10
Compatibility number	Group 34	Boiling point °C	Very high
Separate from no. (USCG)	FOSFA	Flash point °C	540
Type of toxic test tubes		Auto-ignition point °C	833
Toxicity in case of fire	Yes	Viscosity	Low
Fire extinguishing agent	Chemical powder, foam and waterspray	Odour limit ppm	NP
Special fire procedure	No	Explos. limits Vol %	NP
Spill or leak procedure	Stop pump. Stop leakage. Avoid cargo to run into water. Use sawdust and clean up into containers.	Vapour press kPa/20	2.0
		Vapour dens.rel to air	NP
SAFETY AND FIRST AID INFORMATION			
Main hazard	None	Health risk	None
Symptoms if exposed	None	TLV ppm	None
Personal protection aid	None	Is it a cancer agent	No
		Is antidote available	No
First aid			
Eye contact	Flood gently with water		
Skin contact	Harmless		
Inhalation	Harnless		
Ingestion	Harmless		
CARGO HANDLING			
Coating requirements	No	Voyage temp. °C	No heating
Wall wash tests	No	Discharge temp. °C	No heating
Previous cargo(es)	FOSFA	Preheating of tanks	No
Fresh water flush	Yes	Cirkulation on voyage	No
Demiwater flush	No	Inhibitor certificate	No
Condition prior to loading	Clean and dry	Sweeping after disch.	Yes
Remarks		Heat adjacent	No

Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)	No		
Ordinary bw wash	Yes, lukewarm water, max pressure		
Recirculation	No		
Steaming	No		
Removal of rob	No		
Hand hosing/high press	Yes, in corners and under coils and pipes		
Chemicals for washing	No		
SPECIAL INSTRUCTIONS			