

CARGO INFORMATION SCHEME			
Chemical name	Malaysian Topped PFAD c12-14	Last update	07/29/97
Common names		UN number	
Chemical formular		MFAG number	
Chemical family		MARPOL Annex	II
Colour	Colourless, white when hardened	Annex II pollution cat.	C
Odour	Sourish, pricking	IMO Ships type	
Own reaction		Density @ 15°C	0.8669
Reaction with water		Correction factor/°C	0.00077
Reaction other		Petroleum tables used	
Solubility with water		Melting point °C	35
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	
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			
Ingestion			
CARGO HANDLING			
Coating requirements		Voyage temp. °C	45-50
Wall wash tests		Discharge temp. °C	45-50
Previous cargo(es)		Preheating of tanks	
Fresh water flush		Cirkulation on voyage	
Demiwater flush		Inhibitor certificate	
Condition prior to loading	Clean and dry	Sweeping after disch.	Yes
Remarks		Heat adjacent	
Remarks			Yes

TANKCLEANING - after discharge	
Prewash (not marpol)	
Ordinary bw wash	Yes, hot water
Recirculation	
Steaming	
Removal of rob	High pressure cleaner
Hand hosing/high press	
Chemicals for washing	A phosphoric acid blend should be effective to remove white coverings
SPECIAL INSTRUCTIONS	
<p>Experience learned on board the M/T Sofie Theresa in connection with cleaning of above mentioned product in the vessels stainless steel tanks. After ordinary bw sw, massive white coverings were found. Subsequent bw wash with cold sw in 3 hrs gave a little improvement. A recirculation with a acid blend 1 hrs 50 deg. gave no visible result. Are the coverings dry they can be dried off with a dry cloth. A phosphoric acid blend for recirculation should solve the problem easily. Unfortunately we did not have the opportunity to try this. The tanks where in spite of a white viel accepted for loading of sulphuric acid.</p>	