

CARGO INFORMATION SCHEME

Chemical name	Palm Fatty Acid Destillate	Last update	1999.06.03
Common names	p.f.a.d., PFAD	UN number	
Chemical formular		MFAG number	
Chemical family	Esters	MARPOL Annex	II
Colour	Brownish	Annex II pollution cat.	D
Odour	Unpleasant	IMO Ships type	3
Own reaction		Density @ 15°C	0,86/70
Reaction with water	None	Correction factor/°C	0.00076
Reaction other	Group 34 of compatibility chart	Petroleum tables used	
Solubility with water	No	Melting point °C	29
Compatibility number	34	Boiling point °C	204
Separate from no. (USCG)	FOSFA regulations	Flash point °C	160
Type of toxic test tubes		Auto-ignition point °C	
Toxicity in case of fire	Use breathing apparatus	Viscosity	
Fire extinguishing agent	Powder	Odour limit ppm	
Special fire procedure	Use breathing apparatus	Explos. limits Vol %	
Spill or leak procedure	Sawdust and rags	Vapour press kPa/20	
		Vapour dens.rel to air	

SAFETY AND FIRST AID INFORMATION

Main hazard	Toxic	Health risk	Yes
Symptoms if exposed		TLV ppm	
Personal protection aid	Goggles, gloves and full face mask with air supply	Is it a cancer agent	No
		Is antidote available	No

First aid

Eye contact	Flush with plenty of water
Skin contact	Flush with plenty of water
Inhalation	Fresh air
Ingestion	Drink water

CARGO HANDLING

Coating requirements	No	Voyage temp. °C	45-50
Wall wash tests	No	Discharge temp. °C	65-75
Previous cargo(es)	FOSFA regulations	Preheating of tanks	yes
Fresh water flush	yes	Cirkulation on voyage	
Demiwater flush	No	Inhibitor certificate	No
Condition prior to loading	Clean and dry, preheating of tanks	Sweeping after disch.	yes***
Remarks		Heat adjacent	
Remarks	*** start with sweeping as soon as possible		

TANKCLEANING - after discharge

Prewash (not marpol)	
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Ordinary bw wash	Yes, max pressure and 65-70 degrees hot water
Recirculation	In some cases, caustic soda Ph 13,5
Steaming	yes
Removal of rob	In some cases
Hand hosing/high press	In some cases
Chemicals for washing	Recirculating with caustic soda solution ph 13,5 is recommended
SPECIAL INSTRUCTIONS	