

CARGO INFORMATION SCHEME			
Chemical name	Phosphoric acid	Last update	07/29/97
Common names		UN number	1085
Chemical formular	H3PO4	MFAG number	700
Chemical family	inorganic acid	MARPOL Annex	II
Colour	yellowish to brown	Annex II pollution cat.	D
Odour	like ferrocid	IMO Ships type	3
Own reaction	stable	Density @ 15°C	1,6-1,8
Reaction with water	yes	Correction factor/°C	
Reaction other	metals	Petroleum tables used	no
Solubility with water	complete	Melting point °C	-20
Compatibility number	1	Boiling point °C	213
Separate from no. (USCG)	1,5 to13, 16, 17	Flash point °C	
Type of toxic test tubes		Auto-ignition point °C	
Toxicity in case of fire	no	Viscosity	
Fire extinguishing agent		Odour limit ppm	
Special fire procedure	dilute with water	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	high
Symptoms if exposed		TLV ppm	
Personal protection aid	full splas suit, gloves, goggles, mask	Is it a cancer agent	
		Is antidote available	
First aid			
Eye contact	rinse with plenty eater for at least 15 min		
Skin contact	aggressive, rinse with plenty water for at least 15 min		
Inhalation	remove victim to fresh air. can cause damage to lungs		
Ingestion	do not vomitting, drink water		
CARGO HANDLING			
Coating requirements		Voyage temp. °C	
Wall wash tests		Discharge temp. °C	
Previous cargo(es)		Preheating of tanks	no
Fresh water flush	yes	Cirkulation on voyage	yes
Demiwater flush		Inhibitor certificate	no
Condition prior to loading	clean and dry	Sweeping after disch.	no
Remarks		Heat adjacent	no
Remarks	possible sediment can be flushed away by hand		

TANKCLEANING - after discharge	
Prewash (not marpol)	
Ordinary bw wash	1 cycle cold water
Recirculation	
Steaming	
Removal of rob	
Hand hosing/high press	
Chemicals for washing	
SPECIAL INSTRUCTIONS	
Phosphoric acid is transported in a solution of water. Due to this fact slightly condensed water is no problem. Phosphoric acid has the same rust removing characteristics as the expensive ferrycid.	