

CARGO INFORMATION SCHEME			
Chemical name	Acetone Cyanohydrin (ACH)	Last update	Aug-97
Common names		UN number	1541
Chemical formular	(CH ₃) ₂ C(OH)CN	MFAG number	215
Chemical family	Cyanohydrin	MARPOL Annex	II
Colour	Colorless to straw color depending on grade	Annex II pollution cat.	A
Odour	Almond like	IMO Ships type	2
Own reaction	When heated, decomposes to form cyanide gas	Density @ 15°C	0.9300
Reaction with water	Decomposes and forms hydrogen cyanide	Correction factor/°C	0.00090
Reaction other	Rubber swells	Petroleum tables used	
Solubility with water	Not solutable	Melting point °C	-19
Compatibility number	group no 0	Boiling point °C	120
Separate from no. (USCG)	Only compatible with acetic acid	Flash point °C	74
Type of toxic test tubes	Hydrogen cyanide	Auto-ignition point °C	
Toxicity in case of fire	yes	Viscosity	
Fire extinguishing agent	CO ₂ , Alcohol foam, water-fog	Odour limit ppm	
Special fire procedure	Wear full chemsuit and ba-set.	Explos. limits Vol %	2,25-11
Spill or leak procedure	Wear full chemsuit and ba-set.	Vapour press kPa/20	
		Vapour dens.rel to air	2.90
SAFETY AND FIRST AID INFORMATION			
Main hazard	Vapour is very poisonous and absorbed thru skin	Health risk	Very high
Symptoms if exposed	Headache, dizzines, nausea, blue lips and nails	TLV ppm	n/a
Personal protection aid	Full chemsuit and ba-set/filtermask	Is it a cancer agent	No
		Is antidote available	Yes
First aid			
Eye contact	Wash with plenty of water for 15 min seek medical advice		
Skin contact	Wash with plenty of water for 15 min seek medical advice		
Inhalation	Fresh air. If breathing stops, apply artifical respiration		
Ingestion			
CARGO HANDLING			
Coating requirements	Stainless steel	Voyage temp. °C	Ambient
Wall wash tests	Different grades. check with shippers if required	Discharge temp. °C	Ambient

Previous cargo(es)		Preheating of tanks	No
Fresh water flush		Cirkulation on voyage	No
Demiwater flush		Inhibitor certificate	Yes
Condition prior to loading	Clean and dry	Sweeping after disch.	No
Remarks		Heat adjacent	No
Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)	As product category is A, a prewash according to marpol is mandatory everywhere		
Ordinary bw wash	1.5 hours cold sw followed by 30 min fw		
Recirculation			
Steaming			
Removal of rob			
Hand hosing/high press			
Chemicals for washing			
SPECIAL INSTRUCTIONS			
Deck crew must wear chemsuits and filtermask during the t/c operation			