

CARGO INFORMATION SCHEME			
Chemical name	Acrylonitrile	Last update	Aug-97
Common names	Vinyl cyanide	UN number	1093
Chemical formular	H ₂ CHCN	MFAG number	215
Chemical family	Nitrile	MARPOL Annex	II
Colour	W/W	Annex II pollution cat.	B
Odour	Peach seed like	IMO Ships type	2
Own reaction	Very reactive. Must be inhibited	Density @ 15°C	0.8110
Reaction with water	None	Correction factor/°C	0.00110
Reaction other	Reacts violent with caustic and strong acids	Petroleum tables used	No
Solubility with water	Slight (73,5 g in 1000 g water)	Melting point °C	-84
Compatibility number	15	Boiling point °C	77
Separate from no. (USCG)	See compatibility Chart	Flash point °C	
Type of toxic test tubes		Auto-ignition point °C	
Toxicity in case of fire	Yes, if heated gives off hydrogen cyanide	Viscosity	
Fire extinguishing agent		Odour limit ppm	
Special fire procedure	Full chemical suit and BA-set	Explos. limits Vol %	
Spill or leak procedure	Full chemical suit and BA-set	Vapour press kPa/20	
		Vapour dens.rel to air	
SAFETY AND FIRST AID INFORMATION			
Main hazard		Health risk	Very high
Symptoms if exposed		TLV ppm	2
Personal protection aid		Is it a cancer agent	No
		Is antidote available	Yes
First aid			
Eye contact	Rinse with water 10-15 min. Seek medical advice		
Skin contact	Remove contaminated cloth.. Wash with soap and water. If burns cool with water. Seek med.		
Inhalation	If symptoms of cyanide poisoning give amyl nitrile ampules. Seek medical advice.		
Ingestion	If drunk saltwater and induce vomiting. Seek medical advice.		
CARGO HANDLING			
Coating requirements	Stainless steel	Voyage temp. °C	N/A
Wall wash tests		Discharge temp. °C	N/A
Previous cargo(es)		Preheating of tanks	No
Fresh water flush	Yes	Circulation on voyage	No
Demiwater flush		Inhibitor certificate	Yes

Condition prior to loading	Very clean and dry	Sweeping after disch.	No
Remarks		Heat adjacent	No
Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)			
Ordinary bw wash			
Recirculation			
Steaming			
Removal of rob			
Hand hosing/high press			
Chemicals for washing			
SPECIAL INSTRUCTIONS			