

CARGO INFORMATION SCHEME			
Chemical name	Ethylene dichloride (EDC)	Last update	04/22/99
Common names	1.2-Dichloroethane	UN number	1184
Chemical formular	CICH ₂ CH ₂ CI	MFAG number	340
Chemical family	Halogenated hydrocarbons	MARPOL Annex	II
Colour	Clear, colourless	Annex II pollution cat.	B
Odour	Like chloroform	IMO Ships type	2
Own reaction	Relatively stable	Density @ 15°C	1.2602
Reaction with water	Forming hydrochloric acid phosgen fumes	Correction factor/°c	0.00144
Reaction other	Copper, aluminium, alloy	Petroleum tables used	No
Solubility with water	Slight	Melting point °c	-36
Compatibility number	36	Boiling point °c	84
Separate from no. (USCG)	Ethylenediamine(7)	Flash point °c	13
Type of toxic test tubes	No tube available	Auto-ignition point °c	413
Toxicity in case of fire	Yes, forms phosgen vapours, MFAG 600	Viscosity	
Fire extinguishing agent	CO ₂ , powder, water spray	Odour limit ppm	200
Special fire procedure	Full chemical suit	Explos. limits Vol %	6,2-16,0
Spill or leak procedure	BA-set and full chemical suit	Vapour press kPa/20	8,5
EMS 3-03	Absorb the spill, secure ignition sources	Vapour dens.rel to air	3,42
SAFETY AND FIRST AID INFORMATION			
Main hazard	Inhalation or skin absorbtion	Health risk	High
Symptoms if exposed	Sneezing, coughing, breathlessness	TLV ppm	10
Personal protection aid	BA-set/filtermask and chemical suit	Is it a cancer agent	Yes
		Is antidote available	
First aid			
Eye contact	Rinse with water 15 min, MFAG Treatment 8,2		
Skin contact	Rinse with water 15 min, MFAG Treatment 8,1		
Inhalation	Remove victim to fresh air. MFAG Treatment 8,3		
Ingestion	Give milk to drink. MFAG Treatment 8,4		
CARGO HANDLING			
Coating requirements	Stainless Steel is preferable	Voyage temp. °c	
Wall wash tests		Discharge temp. °c	
Previous cargo(es)		Preheating of tanks	No
Fresh water flush	Yes	Cirkulation on voyage	No
Demiwater flush		Inhibitor certificate	No

Condition prior to loading	Clean and dry, purging may be required	Sweeping after disch.	No
Remarks		Heat adjacent	No
Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)			
Ordinary bw wash	1 hrs hot water 60 deg.		
Recirculation			
Steaming			
Removal of rob			
Hand hosing/high press			
Chemicals for washing			
SPECIAL INSTRUCTIONS			
Corrosive when mixed with water. Easy product			