

CARGO INFORMATION SCHEME			
Chemical name	Butyl Acrylate (inhibited)	Last update	July-97
Common names		UN number	2348
Chemical formular	CH ₂ =CHCOC ₄ H	MFAG number	
Chemical family	Acrylates	MARPOL Annex	II
Colour	Colourless	Annex II pollution cat.	B
Odour	Sharp, biting ester like	IMO Ships type	2
Own reaction	Polymerizes readily on heat. Must be inhibited	Density @ 15°C	0.9040
Reaction with water	None	Correction factor/°C	0.00100
Reaction other	No	Petroleum tables used	No
Solubility with water	Nealy insolutable	Melting point °C	-64
Compatibility number	20	Boiling point °C	148
Separate from no. (USCG)		Flash point °C	48
Type of toxic test tubes		Auto-ignition point °C	
Toxicity in case of fire		Viscosity	
Fire extinguishing agent		Odour limit ppm	
Special fire procedure		Explos. limits Vol %	
Spill or leak procedure	Wear rubber gloves, face shields, full protective clothing. Have escape apparatus ready. Avoid contact with cargo. Secure ignition sources.	Vapour press kPa/20	
		Vapour dens.rel to air	
SAFETY AND FIRST AID INFORMATION			
Main hazard		Health risk	
Symptoms if exposed		TLV ppm	
Personal protection aid		Is it a cancer agent	
		Is antidote available	
First aid			
Eye contact	Rinse with water for at least 15 min.		
Skin contact	Aggresive, wash with soap and water		
Inhalation	Poisonous vapours, move victim to fresh air. If needed artificial repiration		
Ingestion	Seek medical advise		
CARGO HANDLING			
Coating requirements		Voyage temp. °C	No
Wall wash tests		Discharge temp. °C	No
Previous cargo(es)		Preheating of tanks	No
Fresh water flush	Yes	Cirkulation on voyage	No

Demiwater flush		Inhibitor certificate	Yes
Condition prior to loading	Clean and dry odour free	Sweeping after disch.	No
Remarks		Heat adjacent	No
Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)	No		
Ordinary bw wash	2 hrs cold water then 1 hrs solution, then 1 hrs hot water		
Recirculation			
Steaming			
Removal of rob			
Hand hosing/high press			
Chemicals for washing	Caustic soda solution can be used as odour killer, but vecom product acrylate is better		
SPECIAL INSTRUCTIONS			
Difficult product regarding cleaning. Usually shipped in small parcels i.e 300 mt. Removal of smeel steam if preferable. Inhibitor certificate required. Vapour return used for loading. Polymerizes readily on heating, must be inhibited to avoid this.			