

CARGO INFORMATION SCHEME			
Chemical name	Lubeoil additives	Last update	July-97
Common names		UN number	
Chemical formular		MFAG number	
Chemical family		MARPOL Annex	
Colour	Clear to black	Annex II pollution cat.	
Odour	Very unpleasent	IMO Ships type	
Own reaction		Density @ 15°C	
Reaction with water		Correction factor/°c	
Reaction other		Petroleum tables used	
Solubility with water		Melting point °c	
Compatibility number		Boiling point °c	
Separate from no. (USCG)		Flash point °c	
Type of toxic test tubes		Auto-ignition point °c	
Toxicity in case of fire		Viscosity	Low
Fire extinguishing agent		Odour limit ppm	
Special fire procedure		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	
Symptoms if exposed		TLV ppm	
Personal protection aid		Is it a cancer agent	
		Is antidote available	
First aid			
Eye contact			
Skin contact			
Inhalation			
Ingestion			
CARGO HANDLING			
Coating requirements		Voyage temp. °c	85
Wall wash tests		Discharge temp. °c	85-110
Previous cargo(es)		Preheating of tanks	85-110
Fresh water flush		Cirkulation on voyage	
Demiwater flush		Inhibitor certificate	
Condition prior to loading	Clean and dry	Sweeping after disch.	Yes
Remarks	Lubeoil additives covers over many different firms/company names	Heat adjacent	

Remarks			
TANKCLEANING - after discharge			
Prewash (not marpol)	Yes, with petroleum or gasoil		
Ordinary bw wash	Max temperature		
Recirculation			
Steaming	Yes, if possible		
Removal of rob			
Hand hosing/high press	Yes, hot water with low pressure		
Chemicals for washing			
SPECIAL INSTRUCTIONS			
Cleaning to times with Brymul, Texaco highclean, naphta used with success to wash small areas. After lubeaddstla 347 it is recommendable to flush the tanks with kerosine.			