

# CARGO INFORMATION SCHEME

Chemical name	Hydroterated C5	Last update	juli, 1998
Common names		UN number	1993
Chemical formular		MFAG number	
Chemical family	Pariffins and Olefins	MARPOL Annex	II
Colour	Yellow to clear	Annex II pollution cat.	B
Odour	Strong characteristic	IMO Ships type	
Own reaction		Density @ 15°C	0,6670
Reaction with water		Correction factor/°C	
Reaction other	Reacts with halogens, strong acids, alkalis, oxidising agents	Petroleum tables used	54B
Solubility with water	Immiscible	Melting point °C	-120
Compatibility number		Boiling point °C	69
Separate from no. (USCG)		Flash point °C	-46
Type of toxic test tubes	Hydrocarbons	Auto-ignition point °C	440
Toxicity in case of fire	Combustion will evolve toxic and irritant vapours	Viscosity	
Fire extinguishing agent	Foam or wayer fog	Odour limit ppm	
Special fire procedure	A self contained breathing apparatus and suitable protective clothing should be worn in case of fire.	Explos. limits Vol %	1,3-8,1
Spill or leak procedure	Highly flammable. DO NOT empty into drains. Small spills absorbe with sand or soil and remove to safe place. If large spill occur, eliminate sources of ignition. Ventilata area. Isolate the leak as soon as possible. Evacuate the area. Keep up-wind. Cover with foam. Use water spray to dispenrse the vapours. Washing must be prevented from entering surface drains.	Vapour press kPa/20	
		Vapour dens.rel to air	

## SAFETY AND FIRST AID INFORMATION

Main hazard	Highly flammable and toxic	Health risk	Yes
Symptoms if exposed	Respiratory irritation, headeche, fatigue, dizziness and incoordinaton	TLV ppm	5 Benzene
Personal protection aid	Oilskin, boots, gloves, goggles and filtermasks	Is it a cancer agent	Yes
		Is antidote available	

### First aid

Eye contact	Flush with water for min. 10 min, obtain medical advice
Skin contact	Remove contaminated clothing, wash skin with water. Obtain medical help if ill effects.
Inhalation	Remove patient from exposure, obtain medical advice.
Ingestion	DO NOT induce vomit, wash out mouth with water and give 200-300ml to drink

<b>CARGO HANDLING</b>			
Coating requirements		Voyage temp. °c	Ambient
Wall wash tests		Discharge temp. °c	Ambient
Previous cargo(es)		Preheating of tanks	No
Fresh water flush		Cirkulation on voyage	No
Demiwater flush		Inhibitor certificate	
Condition prior to loading	Clean	Sweeping after disch.	No
Remarks		Heat adjacent	
Remarks			
<b>TANKCLEANING - after discharge</b>			
Prewash ( not marpol )			
Ordinary bw wash	Yes		
Recirculation			
Steaming			
Removal of rob			
Hand hosing/high press			
Chemicals for washing			
<b>SPECIAL INSTRUCTIONS</b>			