Material Safety Data Sheet

FOT Low Sulphur Conditioner (RXSOL-70-7027-025)

1. Product and Company Identifaction

Product Name	FOT Low Sulphur Conditioner
Product Number	RXSOL-70-7027-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kolkata, Fujairah, Vizag, Chennai, Kandla, Muscat, Canada, Kenya

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Kerosine-unspecified	60-100	64742-94-5	265-198-5	65,66, 51, 53	Xn N
Naphtha(petroleum), hydro desulfurized heavy	10-30	64742-82-1	265-185-4	65,66	Xn

Fatty Alcohol Polyethoxylated Polymer Exemption 1-30%

Manganese Octoate 6535-19-9 10-20%

Tall oil hydroxyethyl imidazoline 61791-39-7 2631712 10 - 30 C 34

3. Hazards Identification



Harmful

Odour	Smells of hydrocarbon
Appearance	Liquid, pale yellow, insoluble in water
Contact with eyes	Causes redness and irritation
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Inhalation	In cases of severe exposure, dizziness, confusion, headache or stupor may develop

Ingestion	Harmful: may cause lung damage if swallowed (R65) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)

4. First Aid Measures

Ingestion	Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain
immediate medical attention	If vomiting occurs turn patient on side Obtain immediate medical attention Give water or milk to drink
Inhalation	Remove patient to fresh air Seek medical attention if ill effects occur
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

- Auto-ignition point >200 deg C at 760 mm Hg
- Flash point >62 deg C (CC)
- Carbon oxides may be formed
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Prevent run off water from entering drains if possible
- Wear Breathing Apparatus

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	Do not allow to enter public sewers and watercourses Do not flush spilt material into any public water system
Immediate Actions	Contain spillage by any means possible
Clean Up Actions	Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete
Special Precautions	Do not allow to enter public sewers and watercourses Wear protective clothing as per section 8

7. Handling and Storage

Handling	Avoid contact with skin and eyes (S24/25) Do not breathe vapours excessively Keep away from heat and sources of ignition See Section 8
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Keep container tightly closed (S7) Keep away from open flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

Exposure Limits	TLV (TWA) 120 mg/m3 (Kerosine, unspecified) TLV (TWA) 275 mg/m3 (Naphtha (petroleum) hydrodesulfurized heavy)
Exposure controls	The undiluted product must not be used in a confined space without good ventilation No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	No respiratory protection is required unless subject to contact with substance mist Where an air-purifying respirator is suitable, use EN141 or EN405, type A


Gloves


Goggles


Suit


No_Smoking

9. Physical and chemical properties

Odour	Smells of hydrocarbon
Appearance	Liquid, pale yellow, insoluble in water
pH	not applicable
Boiling point	175 °C to 215 °C at 760 mm /Hg
Vapour pressure	not known
Vapour density (air = 1)	>1
Melting point	not known
Insoluble in water	
Specific gravity (water=1)	0.86
Flash point	>62 deg C (CC)
Auto-ignition point	>200 deg C at 760 mm Hg
Lower explosive limit	0.6 % (in air)
Upper explosive limit	7 % (in air)

10. Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from naked flames, incandescent or hot surfaces
- See Section 5

11. Toxicological information

Toxicological information	LD50 (oral) : >2000 mg/kg (Kerosine / naphtha).
Inhalation	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.
Contact with skin	Causes redness and irritation Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis.
Contact with eyes	Causes redness and irritation Ingestion The ingestion of significant quantities may cause damage to lungs Carcinogenicity No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	This product contains components which are classified in the EU as dangerous for the environment. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53) LC50 96 hours fish 1-10 mg/l (Kerosine) LC50 96 hours fish 10-100 mg/l (Naphtha)
Mobility	Insoluble in water
Persistence and Biodegradability	BOD 28 >60%
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumilate.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

13. Disposal considerations

Classification	EU Waste class: 07.01This material and/or its container must be disposed of as hazardous waste
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

Proper Shipping Name

UN

Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)		
UN NO.	3082		
Hazard Class	9	Packing Group	III

Road/Rail (ADR/RID)

Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)		
ADR UN No.	3082		
ADR Hazard Class	9	Termcard	90GM6-III

Sear (IMDG)

Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)		
IMDG UN No.	3082		
IMDG Hazard Class	9	IMDG Pack Group	III
IMDG EmS	F-A, S-B	IMDG subrisk	-
IMDG Labels	9+MarinePollutant		
IMDG Flashpoint	>62ºC		

Air(ICAO/IATA)

ProperShippingName	Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)		
ICAO UnNo.	3082		
ICAO HazardClass.	9	ICAO PackingGroup.	III
ICAO subrisk	-	ICAO Labels	9
ICAO Flashpoint	>62ºC		

DOT/CFR(USDepartment ofTransportation

DOTProperShippingName:	Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)	
HazardousMaterial	(Alkyl (C3-C8) Benzenes)	
Hazard Class	9	IdentificationNumber
Product RQ (lbs)	Not Established	
DOTsubrisk:	-	
DOTLabels	9+Marinepollutant	
DOTFlashpoint		

15. Regulatory information

Risk Phrases	Harmful: may cause lung damage if swallowed (R65) Repeated exposure may cause skin dryness or cracking (R66) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
Safety Phrases	Do not breathe spray/mists Avoid contact with skin Wear suitable protective clothing, eye/face protection and gloves Avoid release to the environment. Refer to special instructions/Safety data sheets. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R51: Toxic to aquatic organisms; R53: May cause long term adverse effects in the aquatic environment; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

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