

1. Product and Company Identification

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Product Name RXSOL 70-7009-025

Product Type FUEL CARE 25 Ltr

Company Details:

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

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Email mail@rxmarine.com

2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Kerosine-unspecified	60-70	64742-94-5	265-198-5	65,66, 51, 53	Xn N
Naphtha(petroleum),hyd 10-20 ro desulfurized heavy		64742-82-1	265-185-4	65,66	Xn
Proprietary Formulation 10-30		

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

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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

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Ingestion Do not induce vomiting because of risk of aspiration into the lungs. If

immediate medical attention

aspiration is suspected obtain

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

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- 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

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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

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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

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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

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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

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

11. Toxicological information

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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

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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
Bioaccumulation Potential
Other Adverse Effects

BOD 28 >60%
Hydrocarbon solvents have the potential to bioaccumulate.
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

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Classification

EU Waste class: 07.01 This 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

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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	>62°C		

Air(ICA0/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	>62°C		

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

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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)

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

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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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