

1. Product and Company Identification

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Product Name **RXSOL 70-7009-210**
Product Type **FUEL CARE 210 Ltr**

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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Stock Point : Mumbai, Kolkata, Fujairah, Vizag, Chennai, Kandla, Muscat, Canada, Kenya

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2. Composition / Information on ingredients

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

Fatty Alcohol Polyethoxylated Polymer Exemption 1-30%

Manganese Oxide 6515-19-9 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 on the 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 aspiration is suspected obtain immediate medical attention
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

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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
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Keep container tightly closed (S7) Keep away from flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

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Exposure Limits	TLV (TWA) 120 mg/m ³ (Kerosine, unspecified) TLV (TWA) 275 mg/m ³ (Naphtha (petroleum) hydrodesulfurized)
Exposure controls	The undiluted product must not be used in a confined space without good ventilation No special ventilation is required if 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 required, 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, a dermatitis.
Contact with eyes	Causes redness and irritation Ingestion The ingestion of significant quantities may cause damage to lungs Carcinogen 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 life cause long-term adverse effects in the aquatic environment (R51/53) LC50 96 hours fish 1-10 mg/l (Kerosine) L 10-100 mg/l (Naphtha)
Mobility	Insoluble in water
Persistence and Biodegradability	BOD 28 >60%
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumulate.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product is released into the environment.

13. Disposal considerations

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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

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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)			

Air(ICA0/IATA)	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		
DOT/CFR(USDepartment ofTransportation)	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		
	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) Harmful 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 Do not empty into 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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