



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-70-7011-025

Soot Remover Liquid

Material Safety Data Sheet (MSDS)

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1. Product and Company Identification

Product Name	RXSOL-70-7011-025
Product Type	SOOT REMOVER LIQUID

Company Details:

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

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

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2. Composition / Information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Ammonium Nitrate	5-10	6484-52-2	229-347-8	8	O
Potassium Nitrate	5-10	7757-79-1	231-818-8	8	O
Copper Hydroxide Carbonate	10-30	12069-69-1	235-113-6	22	Xn
Copper Nitrate (43% in H2O)	1-5	0031-43-3	221-838-5	22, 36/38	Xn
Magnesium Nitrate	5-10	13446-18-9	233-826-7	8, 16	O
Proprietary Non classified ingredients	60-90	---	---	---	---

Chemical Name Concentration CAS Number EC Number R Phrases* Symbols

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3. Hazards Identification



Harmful

Odour	Odourless
Appearance	Liquid, green, soluble in water
Contact with eyes	Causes irritation
Contact with skin	In cases of severe exposure, irritation may develop
Inhalation	Severely irritating to respiratory system
Ingestion	Harmful if swallowed

4. First Aid Measures

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Contact with skin	Remove contaminated clothing Wash affected area with plenty of water. Seek medical attention if irritation persists Contaminated clothing should be laundered before reuse.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly whilst lifting eyelids Obtain immediate medical attention.
Ingestion	Induce vomiting (only if patient is conscious) Never give anything by mouth to an unconscious person Give water or milk to drink Seek immediate medical attention.
Inhalation	Inhalation is unlikely to occur Remove patient to fresh air When in doubt or symptoms persist, seek medical attention.
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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- Non-combustible solid
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Prevent run off water from entering drains if possible

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.
Clean Up Actions	Sweep or shovel-up spillage and remove to a safe place. Ventilate the area and wash spill site after material pick-up is complete.
Special Precautions	Wear protective clothing as per section 8.

7. Handling and Storage

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Handling	Wear protective clothing Avoid contact with skin and eyes Do not breathe dust Eyewash bottles should be available.
Storage	Keep container in a cool, well ventilated place Protect from moisture.

8. Exposure controls and personal protection

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Exposure Limits	No exposure limits have been set for this substance
Exposure controls	No special precautions are required for this product
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) Respiratory protection may be required under exceptional circumstances when excessive air contamination exists.



Goggles



Gloves



Suit



No_Smoking

9. Physical and chemical properties

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Odour	Odourless
Appearance	Liquid, green, soluble in water
pH	6 at 10 % concentration
Boiling point	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Melting point	Not known
Water solubility	Complete
Density	1.20

10. Stability and reactivity

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- Stable
- Avoid overheating, Keep away from frost
- See Section 5

11. Toxicological information

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Toxicological information	LD50 (oral,rat) 1350 mg/kg
Inhalation	Causes irritation
Contact with skin	Causes irritation
Contact with eyes	Causes severe irritation
Ingestion	Harmful if swallowed (R22) The ingestion of significant quantities may cause damage to stomach lining The ingestion of significant quantities may cause diarrhoea The ingestion of significant quantities may cause pain
Carcinogenicity	No evidence of carcinogenic effects

12. Ecological information

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Ecotoxicity	May cause acute effects in the aquatic environment.
Mobility	Water solubility ~ 100 %
Persistence and Biodegradability	Degrades by hydrolysis.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
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

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Classification	EU Waste class: 06.04.02.
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	inorganic, n.o.s(Ammonium Chloride)		
	UNNo.	3288		
	Hazard Class	6.1	PackingGroup:	III
Road/Rail(ADR/RID)				
	Proper Shipping Name:	Toxic solid, inorganic, n.o.s(Ammonium Chloride)		
	ADR UN No.	3288		
	ADR Hazard Class	6.1	Tremcard:	61GT5-III
Sea(IMDG)				
	Proper Shipping Name:	Toxic solid, inorganic, n.o.s(Ammonium Chloride)		
	IMDG UN No.:	3288		
	IMDG Hazard Class.	6.1	IMDG Pack Group.	III
	IMDG EmS	F-A, S-A	IMDG subrisk	N/A
	IMDG Labels	6.1	IMDG Flash point	N/A
Air(ICA0/IATA)				
	Proper Shipping Name	Toxic solid, inorganic, n.o.s(Ammonium Chloride)		
	ICA0 Un No.	3288		
	ICA0 Hazard Class.	6.1	ICA0 Packing Group.	III
	ICA0 subrisk	N/A	ICA0 Labels	6.1
DOT/ CFR (US Department of Transportation)				

DOT Proper Shipping Name	Toxic solid, inorganic, n.o.s (Ammonium Chloride)			
Hazardous Material	Ammonium Chloride			
Hazard Class	6.1	Identification Number	UN 3288	
DOT Labels	6.1	DOT Flashpoint	N/A	

15. Regulatory information

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Risk Phrases	Harmful if swallowed
Safety Phrases	Wear suitable protective clothing, eye/face protection If swallowed seek medical advice immediately and show this container or label

16. Other information

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