Material Safety Data Sheet

Soot Remover (RXSOL-70-7011-020)

1. Product and Company Identifaction

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

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
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
Non classified ingredients	60-90				

Chemical Name Concentration CAS Number EC Number R Phrases* Symbols

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

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

- 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

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

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 placeProtect from moisture.

8. Exposure controls and personal protection

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

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

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

11. Toxicological information

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

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

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

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:	Toxicsolid, inorganic, n.o.s(Ammonium Chloride)		
ADR UN No.	3288		
ADR Hazard Class	6.1	Tremcard:	61GT5-III

Sea(IMDG)

Proper Shipping Name:	Toxicsolid, 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(ICAO/IATA)

Proper Shipping Name	Toxicsolid, inorganic, n.o.s(Ammonium Chloride)		
ICAO Un No.	3288		
ICAO Hazard Class.	6.1	ICAO Packing Group.	III
ICAO subrisk	N/A	ICAO Labels	6.1

DOT/ CFR (US Department of Transportation)

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

15. Regulatory information

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

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 This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive

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