

Material Safety Data Sheet

Soot Stick (RXSOL-70-7010-025)



1. Product and Company Identification

Product Name RXSOL-70-7010-025

Product Type SOOT STICK

Company Details:

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

STOCK point : KANDLA, Mumbai, Kolkata, Chennai, Visakhapatnam, Fujairah

Phone +91 22 27815540 / 41 / 42

Fax +91 22 2781 1318 ::AOH :0091 9821214367

Email mail@rxmarine.com

2. Composition / information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Ammonium nitrate	15-20	6484-52-2	229-347-8	8	O
Potassium nitrate	15-20	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 H ₂ O)	5-10	0031-43-3	221-838-5	22, 36/38	Xn
Magnesium nitrate	10-20	13446-18-9	233-826-7	8, 16	O
Non classified ingredients	20-30				

Chemical Name Concentration CAS Number EC Number R Phrases* Symbols

3. Hazards Identification



Harmful

Odour Odourless

Appearance Hygroscopic, powder, 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	Hygroscopic, powder, green, soluble in water
pH	6 at 1 % concentration
Boiling point	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Melting point	Not known
Water solubility	100 g/l
Density	1000 kg/m ³
Non	Combustible solid

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 g/l
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:	Toxic solid, inorganic, n.o.s (Ammonium Chloride)		
UN No.:	3288		
Hazard Class	6.1	Packing Group:	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)		
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:	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

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

DISCLAIMER OF LIABILITY : The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.