# Material Safety Data Sheet

**Soot Stick** (RXSOL-70-7010-025)

## 1. Product and Company Identifaction

| | |
|---|---|
| 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 / informationon 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 H2O) | 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

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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

- 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 placeProtect 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 |

| | |
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| 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/m3 |
| Non | Combustible solid |

## 10. Stability and reactivity

- 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 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: | Toxicsolid, 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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