



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

Material Safety Data Sheet (MSDS)

RXSOL-81-6212-050

AMMONIUM Bifluoride Crystal

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-16-1042-025
Product Type	RIG WASH tuff Heavy Duty

Company Details:

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

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	:	+91 22 2781 1318 ::::AOH :0091 9821214367
Email	:	mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

IONIC - SURFACTANT , FATTY ALCOHOL, SULPHONATED-LA,
Isopropanol 67-63-0 1 - 5% 200-661-7 F; R11 Xi; R36 R67

3. Hazards Identification

www.rxmarine.com

Ingestion	Harmful, if ingested.
Inhalation	Inhalation does not produce any side effect .
Skin Contact	Non Irritation
Eye Contact	Cause Irritation
Environmental Hazards	None
Human Health Hazards	Moderates

4. First Aid Measures

www.rxmarine.com

Ingestion	Induce vomiting & seek medical attention
Inhalation	Remove to fresh air

Eye Contact	Flush with water for at least 15 minutes.
-------------	---

5. Fire-fighting Measures

www.rxmarine.com

Extinguishing Media	F - Highly Flammable
Suitable	Use extinguishing media like foam dry Co2 , water-spray.
Not suitable	Not applicable
Special	Not applicable
Protection of fire Fighter	Not applicable

Component Classification F - Highly Flammable.

Xi - Irritant.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

6. Accidental Release Measures

www.rxmarine.com

- Bio-Degradable

Prevent from entering sewers, waterways, or low areas.

CLEANING PROCEDURE ::: Isolate spill and stop leak where safe. Contain spill with sand or other inert materials.

Scoop up and remove.

7. Handling and Storage

www.rxmarine.com

Handling	None , Avoid contact with eye
Storage	General Storage , 5 years
Methods of cleaning	Flush Spill Area with Water
NOTE	Keep Container Tightly Closed Avoid breathing vapors. Storage Information Store away from oxidizers. Keep container closed when not in use.

8. Exposure controls and personal protection

www.rxmarine.com

Respiratory System Protection	Engineering Controls Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation. Respiratory Protection Organic vapor respirator.
-------------------------------	---

Eye Protection	Eye Protection Chemical goggles; also wear a face shield if splashing hazard exists. Other Precautions Eyewash fountains and safety showers must be easily accessible.
----------------	---

Hand Protection Impervious rubber gloves. Skin Protection Rubber apron.

9. Physical and chemical properties

www.rxmarine.com

Properties:-

Appearance	Clear liquid
Density	In g/cm ³ at 20°C: 1.21
Compatibility	
Metal	No known effect
Rubber	No known effect
pH	Alkaline (9.5-10)
Flash point	Not Applicable
Solubility	100% soluble in water
Packaging	Size (in 210 Litres)

10. Stability and reactivity

www.rxmarine.com

Condition to Avoid	Heat, Flame & Other Sources of Ignition
Materials to Avoid	Do not subject to Acidic/Highly Alkaline/Oxidizing Agents.
Hazardous Decomposition Products	Do not occur (Bio-Degradable)

11. Toxicological information

www.rxmarine.com

Skin Irritation	No.
Eye Irritation	Moderate
Sensitization	Not Sensitizing
Chronic Toxicity	Not Identified
Carcinogenicity	No.

Inhalation May cause respiratory irritation. May cause central nervous system depression

including headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Skin Contact May cause skin irritation.

Eye Contact May cause eye irritation.

Ingestion May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

Aggravated Medical Conditions Skin disorders. Chronic Effects/Carcinogenicity No data available to indicate product or components

present at greater than 1% are chronic health hazards.

Other Information None known.

Toxicity Tests

Oral Toxicity: Not determined

Dermal Toxicity: Not determined

Inhalation Toxicity: Not determined

Primary Irritation Effect: Not determined

Carcinogenicity Not determined

Genotoxicity: Not determined

Reproductive /

Developmental Toxicity: Not determined

12. Ecological information

www.rxmarine.com

1) Comment	Not applicable
2) Ecotoxicity	Not applicable

Mobility (Water/Soil/Air) Not determined

Persistence/Degradability Not determined

Bio-accumulation Not determined

Ecotoxicological Information

Acute Fish Toxicity: Not determined

Acute Crustaceans Toxicity: Not determined

Acute Algae Toxicity: Not determined

Chemical Fate Information Not determined

Other Information Not applicable

13. Disposal considerations

www.rxmarine.com

Disposal methods Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction. Dilute with water, neutralise with HCl, discharge to sewer with plenty of water. Confirm disposal procedures with environmental engineer and local regulations. **Waste class** Hazardous waste in accordance with EU directives. 06 02.

14. Transport information

www.rxmarine.com

ROAD TRANSPORT (ADR)

ADR class	Not dangerous according to ADR / Not restricted
RAIL TRANSPORT (RID)	
RID class no.	N/A
SEA TRANSPORT (IMDG)	
IMDG class	N/A
AIR TRANSPORT (IATA/ICAO)	
IATA/ICAO class	N/A / ICAO/IATA Not restricted

Other Transportation Information

Labels: None

15. Regulatory information

www.rxmarine.com

EC Supply labeling Requirements This product is not subject to the labeling requirements of EC Directives 67/548/EEC

and 88/379/EEC as amended.

Classification Not Classified

Risk Phrases None

Safety Phrases None

EINECS Inventory This product, and all its components, complies with EINECS

Germany, Water Endangering

Classes (WGK)

WGK 1: Low hazard to waters.

Risk phrases	R-41 Risk of serious damage to eye. R-38 Irritating to skin.
Safety phrases	S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S-2 Keep out of reach of children.

16. Other information

www.rxmarine.com

Explanations of R-phrases in Section 2 R-22 Harmful if swallowed. R-34 Causes burns. R-35 Causes severe burns. R-37

Irritating to respiratory system. R-41 Risk of serious damage to eye.

* Information revised since previous SDS version

User notes: The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the sellers knowledge or has been generated to be the best of our ability without extensive research beyond our understanding or economic feasibility. Seller makes no warranty whatsoever, expressed, implied or of merchantability of the product, or of result obtained from this report. If data do not meet your needs, consult your supplier before using this product Seller assumes no responsibility for injury to buyer or third party or for any damage to any property. Buyer assumes all such risks.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but

does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.