

## 1. Product and Company Identification

www.rxmarine.com

Product Name Ammonium Bisulfate  
Product Type RXSOL-10-6919-050

### Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Gandhidham, Visakhapatnam, Fujairah, Muscat

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Fax +91 22 2781 1318 :::AOH :0091 9322594669  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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Name	Product identifier	% (w/w)	Classification (GHS-US)
Ammonium bisulfite	(CAS No) 10192-30-0	45 - 70	Skin Corr. 1C, H314 Eye Dam. 1, H318
Water	(CAS No) 7732-18-5	30 - 55	Not classified

## 3. Hazards Identification

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Eye	Causes serious eye damage
Skin	Causes severe skin burns and eye damage.Skin corrosion
Ingestion	Remove person to fresh air and keep comfortable for breathing
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Chronic	Specific treatment

## 4. First Aid Measures

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Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Ingestion	Immediately call a POISON CENTER/doctor.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.Get medical aid.

## 5. Fire-fighting Measures

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Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Nitrogen oxides (NOx), Sulphur oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary
Further information	Not available

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental precautions	Do not let product enter drains.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

## 7. Handling and Storage

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Handling	Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Storage class (TRGS 510): Non-combustible, corrosive hazardous materials
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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Control parameters	
Exposure controls	
Appropriate engineering controls	
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Eyes	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
Skin	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Clothing	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respirators	Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If th full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. Physical and chemical properties

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Physical State : Liquid
Appearance : Clear, colorless to pale yellow liquid
Odor : Not available
Odor Threshold : Not available

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pH : 4 - 5.5

Relative Evaporation Rate (butylacetate=1) Not available

Melting Point : Not available

Freezing Point : Not available

Boiling Point : Not available

Flash Point : Not available

Auto-ignition Temperature : Not available

Decomposition Temperature : Not available

Flammability (solid, gas) : Not available

Lower Flammable Limit : Not available

Upper Flammable Limit : Not available

Vapor Pressure : Not available

Relative Vapor Density at 20 °C : Not available

Relative Density : Not available

Specific Gravity : Not available

Solubility : Soluble in water.

Log Pow : Not available

Log Kow : Not available

Viscosity, Kinematic : Not available

Viscosity, Dynamic : Not available

Explosion Data ☒ Sensitivity to Mechanical Impact : Not available

## 10. Stability and reactivity

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Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Stable at standard temperature and pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Sources of ignition. Incompatible materials.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Nitrogen oxides. Sulfur oxides. Ammonia.

## 11. Toxicological information

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Information on Toxicological Effects - Product LD50 and LC50 Data Not available

Skin Corrosion/Irritation: Not classified

pH: 4 - 5.5

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Serious Eye Damage/Irritation: Causes serious eye irritation.

pH: 4 - 5.5

Respiratory or Skin Sensitization: Not classified Germ

Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Respiratory tract irritation.

Symptoms/Injuries After Skin Contact

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion

May cause severe irritation. May cause burns

Prolonged exposure may cause eye damage.

Gastrointestinal irritation. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

## 12. Ecological information

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Toxicity

Not classified

Mobility in soil

Data are not available.

Persistence and Degradability

Ammonium Bisulphite (NH<sub>4</sub>HSO<sub>3</sub>) - Not established.

Bioaccumulative potential

Ammonium Bisulphite (NH<sub>4</sub>HSO<sub>3</sub> Bioaccumulative Potential) Not established.

Other adverse effects

Avoid release to the environment.

## 13. Disposal considerations

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Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations

## 14. Transport information

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Proper Shipping Name:	AMMONIUM HYDROGEN SULPHATE		
UN NO.	2693		
Hazard Class	8	PackingGroup	II
Proper Shipping Name	AMMONIUM HYDROGEN SULPHATE		
ADR UN No.	2693		
ADR Hazard Class	8		II
Proper Shipping Name	AMMONIUM HYDROGEN SULPHATE		
IMDG UN No.	2693		
IMDG Hazard Class	8	IMDG PackGroup.:	-
IMDG EmS		IMDG subrisk	-
IMDG Labels	8	IMDG Flashpoint:	N/A
Proper Shipping Name	AMMONIUM HYDROGEN SULPHATE		

ICAO UnNo	2693		
ICAO HazardClass.	8	ICAO PackingGroup	-
ICAO subrisk	-	ICAO Labels	
ICAO Flashpoint	N/A		
DOTProperShippingName	AMMONIUM HYDROGEN SULPHATE		
HazardousMaterial	AMMONIUM HYDROGEN SULPHATE		
HazardClass	8	Identification Number	
Product RQ (lbs):	N/E	DOT subrisk	-
DOT Labels	8	DOT Flashpoint	N/A

## 15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out

## 16. Other information

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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.

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