Material Safety Data Sheet

Aluminum Sulfate (RXSOL-40-1904-050)

1. Product and Company Identifaction

Product Name	RXSOL-40-1904-050
Product Type	ALUMINUM SULFATE

Company Details:

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

Stock Point : Mumbai, Muscat, Fujairah, Kandla, Kolkata, Chennai, Vizag

Phone	+91 22 27815540 / 41 / 42
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2. Composition / informationon ingredients

Chemical Name	CAS Number	EINECS number	RTECS number
ALUMINUM SULFATE	16 828 – 12 – 9	229-912-9	BD 17 00000

3. Hazards Identification

Odour	Odorless
Appearance	white / off – white
Contact with eyes	Causes irritation.
Contact with skin	Causes irritation.

4. First Aid Measures

Contact with skin	Irritant In case of contact, immediately flush skin with plenty of water.Cover the irritated skin with an emollient.Remove contaminated clothing and shoes.Cold water may be used.Wash clothing before reuse.Thoroughly clean shoes before reuse.Get medical attention
Contact with eyes	Check for and remove any contact lenses.In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.Cold water may be used.Get medical attention

Ingestion	Never give anything by mouth to anunconscious person . Give plenty of water to drink . Obtain immediate medical attention
Inhalation	If inhaled, remove to fresh air.If not breathing, give artificial respiration.If breathing is difficult, give oxygen.Get medical attention

5. Fire-fighting Measures

Fire-fighting measures	Use suitable personal protective / safety equipment.In fire conditions, fire - fighters should wear an appropriate mask or a selfcontaining breathing apparatus

6. Accidental Release Measures

Personal Precautions	Use appropriate protective clothing
Environmental Precautions	Do not let product enter drains, use suitable absorbing granules or liquid – absorbent material and sweep up.

7. Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practice
Storage	Product is mildly hygroscopic and should therefore be stored in tightly closed containers in a cool, dry and well – ventilated area away from moisture

8. Exposure controls and personal protection

Ventilation	Can be used to control dust exposure but may require emission controls.
Respiratory protection	Select respirator based upon its suitability tob provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.
Personal protection	Wear protective gloves, boots, long pants and long sleeve shirts to prevent prolonged or repeated skin contact.Recommended protective materials – neoprene, PVC, Vinyl or rubber.Never use leather.


Gloves


Goggles


Suit


No_Smoking

9. Physical and chemical properties

Apperance	white / off – white

Odor	odorless
pH	slightly acidic
Molecular weight	594.4 g/mole
Boiling point	NA
Melting point	86oC
Vapor pressure	negligible as solid
Density (20oC)	1700 ±10 kg/m3
Flash point	NA

10. Stability and reactivity

Stability :- The product is stable under ordinary conditions of use and storage

Conditions to avoid:- Avoid contact with mineral acids, excessive heat and strong bases / alkalis, such as NaOH, moisture and incompatibles.

Corrosive to metals (carbon steel, aluminum, brasses) in the presence of water. Incompatible with carbon and nylon as well.

11. Toxicological information

Other toxic effects on humans:- Very hazardous in case of eye contact (irritant).Hazardous in case of skin contact (irritant).Slightly hazardous in case of inhalation (lung irritant).

Chronic effect on humans :- There are no known effects from chronic exposure to this product.Target organs. None known.

12. Ecological information

Toxicity of the productsof biodegradation:- The products itself and its products of degradation are not toxic.

biodegradation:- Possibly hazardous short term degradation products are not likely.However, long term degradation products may arise.

13. Disposal considerations

Waste disposal:- Dispose of in accordance with federal, state and local environmental laws

14. Transport information

15. Regulatory information

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. 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

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