Material Safety Data Sheet

Barite - Barium Sulphate (RXSOL-81-8103-050)

1. Product and Company Identifaction

Product Name	RXSOL-81-8103-050 , Inorganic barium Salt
Product Type	Barite, Drilling fluid additive

Company Details:

RX MARINE INTERNATIONAL
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VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 27611360
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2. Composition / informationon ingredients

Chemica Name	Concentration	CAS Number	LD50Oral-Rat
Barium sulfate	70-100	7727-43-7	Not Available

3. Hazards Identification

Odour	Characteristic odour.
Appearance	Powder
Contact with eyes	No adverse effect expected.
Contact with skin	In cases of severe exposure, irritation may develop.
Inhalation	May cause irritation of the upper respiratory tract.
Ingestion	No adverse effect expected.

CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.
REPRODUCTIVE TOXICITY: No information available.
MUTAGENICITY: No information available.

4. First Aid Measures

Contact with skin	If irritation occurs, or when shift ends, wash with soap and water until clean. If irritation persists, obtain medical attention.

Contact with eye	Flush eyes with gently flowing warm water until particles are dislodged. If irritation persists, obtain medical attention
Ingestion	If fully conscious, give a large quantity of water. Obtain medical attention. Never give anything by mouth if a patient is unconscious, rapidly losing consciousness or convulsing.
Inhalation	Move to an area free from dust. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain 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

Fire-fighting measures	FLASH POINT: Not flammable. FLAMMABLE LIMITS: Not applicable. EXTINGUISHING MEDIA: Use media suitable for packaging and surrounding fire. SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus required for fire-fighting personnel. UNUSUAL FIRE AND EXPLOSION HAZARDS: None. HAZARDOUS COMBUSTION PRODUCTS: No information available.

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid breathing dust. Practice reasonable caution and personal cleanliness. Launder contaminated clothing before reuse. Store in a cool dry area.
Environmental Precautions	No special precautions are required for this product Immediate Actions.
Clean Up Actions	STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED Use appropriate safety equipment. Collect uncontaminated material for repackaging. Collect contaminated material in appropriate containers for disposal. WASTE DISPOSAL METHOD Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end user to determine if the material meets the criteria of hazardous waste at the time of disposal

7. Handling and Storage

Handling	SPECIAL PROTECTION INFORMATION RESPIRATORY PROTECTION: Approved dust mask required for dust levels below TLV. Use approved respirator with dust cartridges if airborne concentration exceeds TLV. VENTILATION: Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of airborne dust below TLV. PROTECTIVE GLOVES: Personal preference. EYE PROTECTION: Suggest goggles or safety glasses with side-shields be worn. OTHER PROTECTIVE EQUIPMENT (SPECIFY): Ensure eye way station and emergency shower are available.
Storage	Keep at cool, well-ventilated place (S3/9/49) Protect from frost.

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product.
Exposure controls	No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) No respiratory protection is required unless subject to contact with substance mist.


Gloves


Goggles


Suit


No_smoking

9. Physical and chemical properties

Odour	Dirt/dust like odour
Appearance	Grey powder
pH	7.0 – 9.5
Solubility In Water	Insoluble
Volatile Percent	Not Applicable
SPECIFIC GRAVITY	4.1 – 4.4 SP.G
Melting Point	1580
Boiling Point	Not known
BULK DENSITY	Not available
VAPOUR DENSITY (air = 1)	Not available
VAPOUR PRESSURE (mmHg)	Not applicable

10. Stability and reactivity

STABILITY: STABLE

INCOMPATIBILITY (CONDITIONS TO AVOID): Not known.
CONDITIONS OF REACTIVITY: Not known.
HAZARDOUS DECOMPOSITION PRODUCTS: Not known.

- See Section 5

11. Toxicological information

Toxicological information	No experimental data available Inhalation. Vapours or aerosols may cause irritation of Eyes, Nose and Respiratory tract.
Contact with skin	In cases of severe exposure, redness and irritation may develop.
Contact with eyes	Causes irritation.
Ingestion	May cause gastrointestinal disturbances

Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	This product does not contain ingredients which are classified in the EU as dangerous for the environment.
Mobility	Not soluble in water

13. Disposal considerations

Classification	This material and/or its container must be disposed of as hazardous waste EU Waste class
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

- Not classified as hazardous for transport

15. Regulatory information

Risk Phrases	Irritating to eyes (R36)
Safety Phrases Irritant	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26) Wear suitable gloves and eye/face protection (S37/39)

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R37: Irritating to the respiratory system. 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).

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