Material Safety Data Sheet

Gypsum Powder (RXSOL-81-8114-025)

1. Product and Company Identifaction

Product Name	RXSOL-81-8114-025
Product Type	Gypsum Powder

Company Details:

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

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

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

2. Composition / informationon ingredients

Name	Cas No	%
Gypsum	7778-18-9	70-100

3. Hazards Identification

Emergency Overview	Grey powdered solid. May cause eye, skin and upper respiratory tract irritation, as a result of its nature to absorb moisture. Can cause inflammation of mucous membranes and nose-bleeds.
Eyes	Contact with eyes may cause slight irritation.
Ingestion	Swallowing this product is not expected to cause toxic effects. As gypsum absorbs moisture and clumps may form and create blockages in the stomach.
Skin	Contact with skin may cause slight irritation.
Inhalation	Gypsum is considered a nuisance particulate but it will absorb moisture quickly causing clumps in the nasal passages and upper respiratory tract.

4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of ... (Water, unless specified as a water reactive material).

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Ingestion	DIf swallowed, rinse mouth with water (only if the person is conscious). If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

5. Fire-fighting Measures

Small Fires	This product can be used as an extinguishing agent for small fires.
Large Fires	This product will readily absorb water and may affect the ability to fight fires associated with other materials. Use extinguishing agents suitable for materials that will support combustion.
FIRE FIGHTING INSTRUCTIONS	This product will not act as a fuel to a fire. Wear protective equipment appropriate for materials that are burning.
UNUSUAL FIRE & EXPLOSION HAZARDS	Gypsum will readily absorb water and may affect the flow of water from a fire location.
Unusual Fire and Explosion Hazards	Keep away from ... (incompatible materials to be indicated by the manufacturer). Flammable.

6. Accidental Release Measures

Small Spills:

Avoid contact with the spilled material. Collect material for reprocessing if possible. If reprocessing is not possible collect for disposal in a container appropriate for disposal method. Collect material using shovels and vacuums or other methods that will minimize dust exposures to workers.

Large Spills:
Avoid contact with the spilled material. Prevent this product from entering sewers and waterways. Trained personnel should collect using methods that will not generate significant dust or water runoff. Keep public away from spill area.

7. Handling and Storage

HANDLING PRECAUTIONS: Handle in a manner that will minimize generation of dusts. Avoid breathing dusts. Ground containers during transfer of product. Compressed air should not be used for cleaning these dusts.

STORAGE PRECAUTIONS: Keep product in a dry location. Keep containers closed.

WORK/HYGIENIC PRACTICES: Wash before eating, using the washroom or smoking. Launder contaminated clothing before reuse.

8. Exposure controls and personal protection

ENGINEERING CONTROLS	Airborne concentrations are anticipated to be low however provide adequate ventilation to control dusts below exposure limits listed in Section 3. Emergency eye wash station should be available in the vicinity of any potential splash exposure.
Eye/Face Protection	Wear safety glasses with side shields with appropriate approvals for your jurisdiction to prevent contact with eyes.
Skin Protection	Wear clothing to prevent direct contact with skin. Wear gloves (leather) to prevent contact with powder.
Respiratory Protection	Although it is not anticipated that dust concentrations will approach the listed exposure limits, dusty conditions should be evaluated to determine need for respiratory protection. If warranted wear NIOSH approved respirator with dust cartridges. Refer to CSA Standard “Selection, Use and Care of Respirators” (Z94.4-02) and NIOSH Respirator Decision Logic for additional guidance on respiratory protection.

9. Physical and chemical properties

Appearance and state	Grey powder
Odour	Odorless
Odour Threshold	Not applicable
Boiling Point	Decomposes
Melting Point	1559oC (2839oF)
Vapour Pressure	Not applicable
Vapour Density (Air = 1)	Not applicable
Viscosity	Not applicable
Specific Gravity	2.96 (Water = 1)
Solubility (H2o)	0.2620g/100 g solution
Percent Volatiles	0
Evaporation Rate	Not Applicable

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID (STABILITY)	Not applicable.
INCOMPATIBLE MATERIALS	Avoid contact with strong oxidizing agents such as fluorine, chlorine triflouride, diazomethane and oxygen diflouride may cause an exothermic reaction (heat). Several metal oxo-compounds and sulfides mixed with gypsum and aluminum can create a violent reaction.
HAZARDOUS DECOMPOSITION PRODUCTS	Irritating or toxic substances may be emitted upon thermal decomposition.
HAZARDOUS POLYMERIZATION	Will Not Occur.

11. Toxicological information

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Skin	Contact with skin may cause slight irritation.
Inhalation	Gypsum is considered a nuisance particulate but it will absorb moisture quickly causing clumps in the nasal passages and upper respiratory tract.

12. Ecological information

NA

13. Disposal considerations

This product should be considered for recycling and reuse. If recycling or reuse is not possible disposal is to be in accordance with federal, state/provincial and municipal requirements.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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