Material Safety Data Sheet

Guar Gum Powder (RXSOL-81-8129-025)

1. Product and Company Identifaction

Product Name	Guar Gum Powder
Product Type	RXSOL-81-8129-025

Company Details:

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

Stock Points: Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah UAE, Muscat Oman, Kenya, Canada

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

2. Composition / informationon ingredients

Name	CAS#	% by Weight
Guar gum	9000-30-0	100.0

3. Hazards Identification

IF IN EYES	Dust may cause mechanical irritation.
IF ON SKIN	May cause skin irritation. May cause sensitization by skin contact.
Inhalation	May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
Ingestion	The toxicological properties of this substance have not been fully investigated. Inhalation of dust may cause respiratory tract irritation. May cause respiratory sensitization.
Chronic	Some individuals may develop a respiratory allergenic response to guar dust. Persons with a history of respiratory allergies may have those conditions aggravated by exposure to guar dust.

4. First Aid Measures

Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin Contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Notes to Physician	Treat symptomatically and supportively.
Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Ingestion	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

5. Fire-fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.
Extinguishing Media	Use agent most appropriate to extinguish fire.
Flash Point	Not available.
Autoignition Temperature	Not available.
Explosion Limits, Lower	Not available.
Upper	Not available.
NFPA Rating:	
Health	1
Flammability	0
Instability	0

6. Accidental Release Measures

General Information:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

Handling	Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation
Storage	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure controls and personal protection

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

OSHA Vacated PELs

Guar gum	No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and chemical properties

Physical State	Powder
Appearance	yellowish-white
Odor	Not available
pH	5.5-6.2
Vapor Pressure	Not available.
Vapor Density	Not available.
Evaporation Rate	Not available.
Viscosity	Not available
Boiling Point	Not available
Freezing/Melting Point	Not available
Decomposition Temperature	Not available.
Solubility	Soluble
Specific Gravity/Density	Not available.
Molecular Formula	Not available
Molecular Weight	Not available.

10. Stability and reactivity

Chemical Stability	Stable
Conditions to Avoid	Incompatible materials, dust generation, excess heat.
Incompatibilities with Other Materials	None reported.
Hazardous Decomposition Products	Irritating and toxic fumes and gases, acrid smoke and fumes.
Hazardous Polymerization	Has not been reported.

11. Toxicological information

IF IN EYES	Dust may cause mechanical irritation.
IF ON SKIN	May cause skin irritation. May cause sensitization by skin contact.
Inhalation	May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
Ingestion	The toxicological properties of this substance have not been fully investigated. Inhalation of dust may cause respiratory tract irritation. May cause respiratory sensitization.
Chronic	Some individuals may develop a respiratory allergenic response to guar dust. Persons with a history of respiratory allergies may have those conditions aggravated by exposure to guar dust.

12. Ecological information

NA

13. Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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