

MATERIAL SAFETY DATA SHEET

XANTHAN GUM

Date: 11-09-01

1. Product and Company Identification

Product Name: XANTHAN GUM
Chemical Name: XANTHAN GUM
Chemical Family: n/a
Chemical Formula: n/a
CAS Reg. No. 11138-66-2
Supplier: Grinding & Sizing Company, Inc.
515 Industrial Boulevard
Lufkin, Texas 75904
Emergency Phone Number: 936-634-7718

2. Ingredient Identification:

xanthan gum, CAS# 11138-66-2, 100%
hazardous ingredients: none

3. Physical and Chemical Properties

- Appearance: light yellow powder
- Slightly soluble in water
- Boiling point: n/a
- Melting point: n/a
- Vapor Pressure: n/a
- Specific gravity: 0.8
- Odor: none
- PH (1% solution): 7

4. Fire and Explosion Data

- Autoignition temperature: >200°C (392 °F)
- Flashpoint: n/a
- Flammability: n/a
- Extinguishing media: Water spray, CO₂, dry chemical, foam
- Special fire fighting procedures: None, evacuate all unnecessary personnel. Wear appropriate safety equipment for fire conditions including SCBA.

5. Stability and Reactivity

- Stability: stable
- Reactivity: avoid excessive heat, ignition sources and strong oxidants
- Hazardous Decomposition: CO, CO₂
- Does not polymerize

6. Health Hazards Identification:

- Acute Effects: none
- Ingestion: none
- Eyes: Dust abrasive to the eyes
- Skin: none
- Chronic Effects: IARC not listed; OSHA not listed; NTP not listed.
- Route of entry: inhalation and eye contact
- Medical conditions aggravated by exposure: none known
- First Aid Procedures:
 - Inhalation: Move exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.
 - Ingestion: Do not induce vomiting. Give two glasses of water in small amounts if person is conscious. Seek medical attention.
 - Skin: Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
 - Eyes: promptly wash eyes with lots of water. Continue to rinse for 15 minutes. Get medical attention if irritation persists.

7. Handling & Storage

- Handle only in well ventilated areas. Avoid breathing dust.
- Store in cool dry place.
- In case of accidental release or spillage, collect and contain material.
- Contact local authorities for proper disposal.

8. Exposure Controls, Personal Protection

- Ventilation-Local exhaust and ventilation system is recommended if handled in a confined area to control below recommended exposure levels.
- Respiratory Protection- Use NIOSH approved nuisance dust respirator.
- Eye Protection-Use safety glasses with side shields
- Skin Protection-Use long-sleeved clothing and gloves

9. Toxicological Information

No toxicological information is available on this product

10. Ecological Information

No ecological information is available

11. Transport Information

- Proper Shipping Name: Not regulated by DOT as a hazardous material
- Hazard class: none
- UN Number: none
- Packing Group: none

12. Regulatory Information

- OSHA (29 CFR 1910.1200) This product should be included in a hazard communication program.
- RCRA:none.
- CERCLA : Not subject to reporting
- NFPA Hazard Codes: Health:1, Flammability: 0, Reactivity: 0, Special hazards: 0