



MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Xanthan Gum (Food Grade)**
- **Synonyms:** E415, Corn Sugar Gum, Xanthomonas Gum

Manufacturer/Supplier:

Swadesh (India) Chemical Pvt. Ltd.

Address:

Survey No: 512, Plot No. 7,
Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC,
Dehgam, Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business@swadeshindia.in
- Website: www.swadeshindia.in

Recommended Use:

- Food additive (thickener, stabilizer), pharmaceutical, cosmetic applications

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Xanthan Gum	11138-66-2	≥90%

Additional Notes:

- Purity: FCC/USP/EP compliant
- Appearance: Cream to white free-flowing powder



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Not classified as hazardous under normal use.

Precautionary Statements (P-Codes):

- Dust may cause mild eye/respiratory irritation
- Possible slip hazard when wet

4. FIRST AID MEASURES

- **Eye Contact:** Rinse with water for 15 minutes.
- **Skin Contact:** Wash with soap and water.
- **Ingestion:** No adverse effects expected in food quantities.
- **Inhalation (dust):** Move to fresh air.

5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** Water spray, CO₂, dry chemical
- **Special Hazards:** Dust may form explosive mixtures in air
- **Firefighting PPE:** SCBA for large fires

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - Small: Sweep/vacuum (avoid dust generation)
 - Large: Use non-sparking tools
- **Environmental Warning:** No significant hazard

7. HANDLING AND STORAGE

- **Handling:**
 - Use local exhaust for dust control
- **Storage:**
 - Keep in cool (<25°C), dry place in sealed containers
- **Shelf Life:**
 - 36 months



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** General ventilation
- **PPE:**
 - Gloves: Not typically required
 - Eye Protection: Safety goggles (if dusting)
 - Respiratory: Dust mask (N95) for powder handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White to cream powder
Odor	Odorless to slight fermentation smell
Solubility	Forms viscous solution in water
Bulk Density	0.5–0.8 g/cm ³

10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable under normal conditions)

Incompatible Materials:

- Strong oxidizers

Hazardous Decomposition Products:

- CO, CO₂ if burned

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral LD50 (rat):>5,000 mg/kg

Skin Irritation:

- Non-irritating

Eye Irritation:

- Not listed (IARC/NTP)



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12. ECOLOGICAL INFORMATION

Biodegradability:

- >60% in 28 days (OECD 301)

Aquatic Toxicity:

- LC50 (fish, 96h): >10,000 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Compost or landfill per local regulations

14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not classified as dangerous goods

15. REGULATORY INFORMATION

India:

- Compliant with CPCB regulations

International:

- REACH registered
- OSHA compliant

16. ADDITIONAL INFORMATION

Revision Date :20/04/24

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.