



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Safety Data Sheet (MSDS)

(According to GB/T 16483 and GB/T 17519; Adapts to GHS, IMDG, IATA Standards)

SECTION 1: Identification

1.1 Product Identifiers

- Product Name: Xanthan Gum
- Product Number: XAN-20260224
- Brand: SIGALD
- CAS-No.: 11138-66-2
- Synonyms: Xanthomonas Campestris Gum

1.2 Details of the supplier of the safety data sheet

- Company : NEWAY SINOPHC TECH. LIMITED
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- Telephone : +86-021-50350029
- Fax : +86-021-50350029

1.3 Emergency telephone

Emergency Phone # : +86-021-50350029
(CHEMTREC)

1.4 Uses

- Identified Uses: Food additive (thickener, stabilizer, emulsifier), cosmetics (texture modifier), pharmaceuticals (excipient), industrial (drilling fluids, paint thickener).
- Uses Advised Against: No restricted uses when used as directed.

SECTION 2: Hazards Identification

2.1 GHS Classification: Eye irritation (Category 2A); Skin irritation (Category 2)
2.2 GHS Label Elements

- Hazard Pictogram: GHS07 (Exclamation mark)
- Signal Word: Warning
- Hazard Statements: H315 (Causes skin irritation), H319 (Causes serious eye irritation)
- Precautionary Statements: P264 (Wash hands thoroughly after handling), P280 (Wear protective gloves/eye protection), P305+P351+P338 (If in eyes: Rinse cautiously with water)

SECTION 3: Composition

- Substance / Mixture: Biopolymer Mixture
- Formula: $(C_{35} H_{49} O_{20})_n$
- Molecular Weight: Variable (1-20 MDa)
- Main Components: Xanthan Gum (85-90%), Sodium/Potassium Chloride (5-10%), Moisture ($\leq 15\%$)

SECTION 4: First Aid Measures

- Inhaled: Move to fresh air. If coughing persists, consult a doctor.



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- Skin Contact: Rinse skin with running water for 5 minutes; remove contaminated clothing.
- Eye Contact: Rinse with plenty of water for 5-10 minutes. Consult a doctor if irritation persists.
- Swallowed: Rinse mouth with water; no special treatment needed if small amounts are ingested.

SECTION 5: Firefighting Measures

- Suitable Extinguishing Media: Water spray, foam, CO₂, dry powder.
- Special Hazards: Non-combustible; no hazardous combustion products.
- Firefighter Protection: Wear standard fire-fighting gear.

SECTION 6: Accidental Release Measures

- Personal Precautions: Wear gloves, eye protection, dust mask (for large spills).
- Cleanup Methods: Sweep up with inert materials; transfer to sealed containers.

SECTION 7: Handling and Storage

- Handling: Operate in well-ventilated area; avoid dust inhalation.
- Storage Conditions: Cool, dry, well-ventilated warehouse ($\leq 30^{\circ}\text{C}$); keep sealed.
- Shelf Life: 24 months (unopened, specified conditions).

SECTION 8: Exposure Controls/Personal Protection

- PPE: Nitrile gloves, safety goggles, dust mask (large-scale handling).
- Engineering Controls: Good ventilation, dust collection system.

SECTION 9: Physical and Chemical Properties

- Physical State: Powder
- Color: White to off-white
- Odor: Odorless
- Solubility: Soluble in cold/warm water (forms viscous solution)
- pH (1% solution): 6.0-8.0
- Viscosity: ≥ 1000 mPa·s (1% solution, 25°C)
- Density (25°C): 1.5 g/cm³

SECTION 10: Stability and Reactivity

- Stable under normal storage. Incompatible with strong oxidizing agents.

SECTION 11: Toxicological Information

- Oral LD₅₀ (Rat): > 10,000 mg/kg; Skin/Eye Irritation: Mild to moderate.

SECTION 12: Ecological Information

- Environmentally friendly; fully biodegradable.

SECTION 13: Disposal Considerations

- Dispose via licensed waste facilities; biodegradable in wastewater systems.

SECTION 14: Transport Information

- UN Number: Not dangerous goods
- Transport Hazard Class: -
- Special Precautions: Avoid moisture, dust dispersion.



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SECTION 15: Regulatory Information

- Complies with GHS, REACH, TSCA, FDA (Food Additive), EU E-number (E415).

SECTION 16: Other Information

- Revision Date: 24 FEB 2026



纳维盈医化科技
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