

# Material Safety Data Sheet

## Xanthan Gum

### Section 1: Chemical Product and Company Identification

**Product Name:** Xanthan Gum

**Company Information:** RAWPHARMA BIZ PVT LTD

1101-CITY CENTRE-2  
SCIENCE CITY ROAD, SOLA  
AHMEDABAD, 380060  
GUJARAT, INDIA.

**Chemical Formula:** (C<sub>35</sub>H<sub>49</sub>O<sub>29</sub>)<sub>n</sub>

**Telephone:** 8320310672

### Section 2: Composition and Information on Ingredients

#### Composition:

Name	CAS No.	EINECS No.	%by weight
Xanthan Gum	11138-66-2	234-394-2	100

### Section 3: Hazards Identification

#### EMERGENCY OVERVIEW

**Appearance:** brown powder.

**Hygroscopic** (absorbs moisture from the air). This is expected to be a low hazard for usual industrial handling.

**Target Organs:** None.

#### Potential Health Effects

**Eye:** Dust may cause mechanical irritation.

**Skin:** Dust may cause mechanical irritation. Low hazard for usual industrial handling.

**Ingestion:** No hazard expected in normal industrial use.

**Inhalation:** Inhalation of dust may cause respiratory tract irritation.

**Chronic:** No information found.

### Section 4: First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

**Skin:** Get medical aid if irritation develops or persists. No specific treatment is necessary since this material is not likely to be hazardous.

**Ingestion:** Wash mouth out with water. No specific treatment is necessary since this material is expected to be non-hazardous.

**Inhalation:** Remove from exposure and move to fresh air immediately.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5: Fire and Explosion Data

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. This material in sufficient quantity and reduced particle size can create a dust explosion.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

**Flash Point:** Not applicable.

**Auto-ignition Temperature:** > 200 deg C (> 392.00 deg F) Explosion

**Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** (estimated) Health: 0; Flammability: 1; Instability: 0

### Section 6: Accidental Release Measures

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

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Forms smooth, slippery surfaces on floors, posing an accident risk. Avoid generating dusty conditions. Provide ventilation.

### Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust.

**Storage:** Store in a cool, dry place. Store in a tightly closed container.

### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low. **Exposure**

**Limits**

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Xanthan gum	none listed	none listed	none listed

**OSHA Vacated PELs:** Xanthan 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.

**Skin:** Glove protection is not normally required.

**Clothing:** Protective garments not normally required.

**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 respirators if exposure limits are exceeded or if irritation or other symptoms are experienced.

### Section 9: Physical and Chemical Properties

**Physical State:** Powder  
**Appearance:** white to light yellow - brown  
**Odor:** mild odor - bland  
**pH:** Not available.  
**Vapor Pressure:** Not available.  
**Vapor Density:** Not available.  
**Evaporation Rate:** Not available.  
**Viscosity:** 2000 cps (1% aq soln)  
**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:**> 10,000,000

### Section 10: Stability and Reactivity Data

**Chemical Stability:** Stable.  
**Conditions to Avoid:** Dust generation, exposure to moist air or water.  
**Incompatibilities with Other Materials:** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Will not occur.

### Section 11: Toxicological Information

**RTECS#:**  
**CAS#** 11138-66-2 unlisted.  
**LD50/LC50:**  
Not available.  
**Carcinogenicity:**  
**CAS#** 11138-66-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
**Epidemiology:** No data available.  
**Teratogenicity:** No data available.  
**Reproductive Effects:** No data available.  
**Mutagenicity:** No data available.  
**Neurotoxicity:** No data available. **Other Studies:**

### Section 12: Ecological Information

**Ecotoxicity:** No data available. No information available.  
**Environmental:** No information available.  
**Physical:** No information available.  
**Other:** Biodegradable.

### Section 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.

#### Section 14: Transport Information

Not regulated as a hazardous material

#### Section 15: Other Regulatory Information

##### US FEDERAL

##### TSCA

CAS# 11138-66-2 is listed on the TSCA inventory.

##### Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

##### Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

##### Section 12b

None of the chemicals are listed under TSCA Section 12b.

##### TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

##### CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ. **SARA**

**Section 302 Extremely Hazardous Substances** None of the chemicals in this product have a TPQ.

**Section 313** No chemicals are reportable under Section 313.

##### Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters. **Clean**

##### Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.  
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE**

CAS# 11138-66-2 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

**California Prop 65**

California No Significant Risk Level: None of the chemicals in this product are listed.

**European/International Regulations**

**European Labeling in Accordance with EC Directives**

**Hazard Symbols:**

Not available.

**Risk Phrases:**

**Safety Phrases:**

S 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 11138-66-2: 1

**Canada - DSL/NDSL**

CAS# 11138-66-2 is listed on Canada's DSL List.

**Canada - WHMIS**

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**

**Section 16: Other Information**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no event shall Rawpharma Biz Pvt Ltd be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rawpharma Biz Pvt Ltd has been advised of the possibility of such damages.