
Material safety data sheet

Xanthan Gum

Section 1 - Chemical Product and Company Identification

Synonyms: Polysaccharide gum; Water-soluble bipolymer made by fermentation of carbohydrates.

CAS No.: 11138-66-2

Molecular Weight: 294.10

Chemical Formula: $\text{HOC}(\text{COONa})(\text{CH}_2\text{COONa})_2 \cdot 2\text{H}_2\text{O}$

Product Codes: 3273

Company Identification: QINGDAO ICD BIOCHEMISTRY CO., LTD.

For information, call: 86-532-8765 9922

fax: 86-532-8765 7229

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	HAZARDOUS
11138-66-2	Xanthan Gum	100%	YES

Section 3 - Hazards Identification

Emergency Overview

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Potential Health Effects

Information on the human health effects from exposure to this substance is limited.

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Inhalation: Inhalation of dust may cause respiratory tract irritation.

Ingestion: No hazard expected in normal industrial use.

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

Eye Contact: Dust may cause mechanical irritation.

Chronic Exposure: No information found

Section 4 - First Aid Measures

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

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

Skin Contact:

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

Eye Contact:

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

Section 5 - Fire Fighting Measures

Fire: As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion: Not available.

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

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 is capable of creating a dust explosion.

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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

Airborne Exposure Limits: None established.

Ventilation System: Use adequate ventilation to keep airborne concentrations low.

Personal Respirators (NIOSH Approved): 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.

Skin Protection: Glove protection is not normally required.

Eye Protection: 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..

Section 9 - Physical and Chemical Properties

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Appearance: white to light yellow - brown powder.

Odor: mild odor - bland.

Solubility: Not available.

PH: Not available.

Boiling Point: Not available.

Melting Point: Not available.

Vapor Density (Air=1): No information found.

Vapor Pressure (mm Hg): No information found.

Evaporation Rate (BuAc=1): No information found

Section 10 - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizing agents.

Conditions to Avoid: Dust generation, exposure to moist air or water.

Section 11 - Toxicological Information

Investigated as a mutagen.

-----\CancerLists\-----

---NTP Carcinogen---

Ingredient Known Anticipated IARC Category

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Xanthan Gum (11138-66-2) No No None

Section 12 - Ecological Information

Environmental Fate:

No information found.

Environmental Toxicity:

No information found.

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.

Section 14 - Transport Information

	US DOT	IATA	RID/ADR	IMO	Canada TDG
Shipping Name:	No information available.				No information available.
Hazard Class:					
UN Number:					
Packing Group:					

IMDG- not Regulated

Section 15 - 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

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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

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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 - Additional Information

MSDS Creation Date: 2/09/2006

Revision #1 Date: 8/02/2008

The information above is believed to be accurate and represents the best information currently available to us.

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