



MATERIAL SAFETY DATA SHEET

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1-613-996-6666 – CANUTEC – Transportation Emergency
1-888-243-9771 – ChExSS – Chemical Exposure

XANTHAN GUM

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: XANTHUM GUM
Chemical Family: Polysaccharide Polymer
WHMIS Classification: Not controlled
Workplace Hazard: Not applicable

Product Use: Viscosifier
TDG Classification: Not Regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Species/Route)	LC ₅₀ (Species/Route)
Xanthan Gum	100%	11138-66-2	Not available	Not Available

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: ☒ Skin ☒ Eye Contact ☒ Inhalation ☒ Ingestion

Effects of acute exposure: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Effects of chronic exposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Exposure limits: Not available

Irritancy of product: skin and eye irritant.

Sensitization to product: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Name of toxicological synergistic products: Not available



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SECTION IV: FIRST AID MEASURES

Skin contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. **Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Eye contact: Flush with plenty of water. If irritation develops, call a physician

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

SECTION V: PHYSICAL DATA

Physical state: Solid.

Appearance and odour: Light beige powder, slight odour

Odour threshold: Not available

Specific gravity (°C): 1.5

Vapor pressure (mmHG): Not available

Vapor density (Air=1): Not available

Evaporation rate: Not available

Boiling point (°C): Not available

Freeze/Melting point (°C): Not available

pH (%): 5.4-8.6

Co-efficient of water/oil distribution: Complete



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SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: May be combustible at high temperature

Means of extinguishing: Dry chemical, foam, water fog, spray

Flash point: Not available

Upper flammable limit: Not available

Lower flammable limit: Not available

Auto-ignition temperature: Not available

Hazardous combustion products: Not available

Explosion data-sensitivity to mechanical impact: Not available

Explosion data-sensitivity to static discharge: Combustible dust in the finely divided and suspended state.

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable.

Product incompatible with: Strong oxidizing agents and caustic solutions

Conditions of reactivity: Not applicable

Hazardous decomposition products: Not applicable



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Suggest NIOSH/MESA approved dust mask. Splash goggles.

Specific engineering controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Procedures for leak/spills: Sweep-up spilled material and repackage. Hose spill area very thoroughly. This product becomes very slippery when wet.

Waste disposal: Dispose of material in accordance with local ordinances. Landfill is suggested.

Handling procedures and equipment: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage requirements: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: March 15, 2010

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.