

## Material Safety Data Sheet

### SECTION I - PRODUCT IDENTIFICATION

Product Name: Xanthan Gum  
End Use: Food Additive  
Description: White-like Powder  
Chemical Name: Xanthan Gum  
Chemical Family or Formula: Polysaccharide Gum

HMIS Rating: Health 0                      Flammability 1                      Reactivity 0

### SECTION II – INGREDIENTS

Components: Xanthan Gum

CAS # 11138-66-2

### SECTION III - HEALTH HAZARD DATA

Route(s) of Entry:

Eye	Yes
Inhalation	Yes
Skin	No
Ingestion	Yes

Nature of Principle Hazard: Not a health hazard as defined by OSHA.

Effects of Overexposure: Prolonged contact with the dry powder may cause drying of the skin. Non-toxic through ingestion and dermal absorption

## **SECTION IV – FIRST AID PROCEDURES**

Emergency First Aid Procedures:

Ingestion: May result in the material swelling in the throat. Drink large amounts of water.

Never give anything by mouth to an unconscious person.

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

Skin Contact: No harmful effects expected. Wash with water. Get medical attention if irritation develops.

Inhalation: If large quantities have been inhaled, keep airway open as necessary.

If swallowed: Symptomatic treatment. No harmful effects are expected

## **SECTION V - FIRE AND EXPLOSION DATA**

Flash Point: Not Applicable

Extinguishing Agents: Dry chemical, CO<sub>2</sub>, Foam

Fire and Explosion Hazards: Carbon oxides formed when burned.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective equipment when entering area of fire involving this material.

## **SECTION VI-ACCIDENTAL RELEASE MEASURES**

Steps to Be Taken in Case Material is Released or Spilled:

Sweep up spilled material and repackage. Avoid creating dust clouds, hose spill area thoroughly with water. Use caution as the product is extremely slippery when wet.

## **SECTION VII-HANDLING AND STORAGE**

Precautions to Be Taken in Handling and Storing:

Store in cool, dry place. Keep dry. May contribute to slickness of surface when wet.

Other Procedures: None

## SECTION VIII-PERSONAL PROTECTION INFORMATION

Respiratory Protection: In heavy product dust exposure a protecting mask is recommended.

Ventilation Type Required: Local exhaust

Other: Treat as a nuisance dust.

Protective Gloves: Not normally required

Eye Protection: Not normally required

Other Protective Clothing or Equipment: None

## SECTION IX-CHEMICAL AND PHYSICAL PROPERTIES

Appearance: White-like powder

Odor: Slight

Boiling Point: Not Applicable

Specific Gravity (H<sub>2</sub>O=1): Not Applicable

Melting Point: Not Applicable

Vapor Pressure (mm Hg): Not Applicable

Evap. Rate (Butyl Acetate=1): Not Applicable

Vapor Density (Air=1): Not Applicable

pH: @ 1.0 %: 6-8

Solubility in Water: Complete

Stable: Yes

## SECTION X- REACTIVITY DATA

Stability: Stable

Incompatibility: Strong oxidants

Hazardous polymerization: Will not occur

Hazardous decomposition Products: Carbon dioxide and carbon monoxide formed when burned.

Conditions to avoid: Not Applicable

## SECTION XI-TOXICOLOGICAL INFORMATION

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

LD50: Not available.

LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

## SECTION XII-ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: not available

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

However, long term degradation products may arise.

Toxicity of the products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

## SECTION XIII-DISPOSAL CONSIDERATIONS

Waste Disposal Method (Insure Conformity with all Applicable Disposal Regulations):

Incinerate or place in permitted waste management facility.

## SECTION XIV- TRANSPORTATION INFORMATION

Shipping Name:	Xanthan Gum Not
Hazard Class:	Regulated
ID Number:	None
Label(s) Required:	None
Shipping Description:	Not Regulated
Packaging References:	Not Regulated
Special Transportation Notes:	None
Regulated or not regulated by:	Not Regulated

## SECTION XV-REGULATORY INFORMATION

Federal and State Regulations: TSCA & (b) inventory: Xanthan Gum

Other Regulations: Not available

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS(Canada)

DSCL (EEC): R36/38-Irritating to eyes and skin.

HMIS(U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Protective Equipment:

Gloves.

Lab coat

Dust respirator. Be sure to use an Approved/certified respirator or Equivalent.

Splash goggles.

## **SECTION XVI-ADDITIONAL INFORMATION**

References: Not available.

Other Special Considerations: Not available.