

MATERIAL SAFETY DATA SHEET

XANTHAN GUM

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 ₂ , 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 (H₂O=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 Product
Carbon dioxide and carbon monoxide formed
when burned.

s:

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
Hazard Class:	Not Regulated
ID Number:	None
Label(s) Required:	None
Shipping Description:	Not Regulated
Packaging References:	Not Regulated
Special Transportation Notes:	None

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 Specific

hazard:

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.