

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 05/30/97

Product Name: Xanthan Gum

Molecular Formula:

CAS No.: 1138-66-2

SECTION 2: HAZARDOUS INGREDIENTS:

SECTION 3: PHYSICAL DATA

Odor: N/A

Appearance: Cream Powder

Melting point.:N/A

Boiling point: N/A

Decomposition temperature: N/A

pH (depends on quality): 7.0

Solubility in water: over 99%

Specific gravity (water = 1) N/A

Vapor density: N/A

Vapor pressure: N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: Non-flammable solid. N/A

Flammable limit: see below

Flammability:

Extinguishing media: Use water, carbon dioxide, or foam to extinguish fires.

Fire fighting procedures: wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Unusual fire and explosions hazards: Like all dry carbohydrates and most dry organic chemicals, the dust in the presence of a source of ignition causes a potential explosion hazard when the concentration in the air is too high. Good housekeeping procedures are required to minimize this potential hazard.

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition byproducts: Thermal decomposition or burning will produce carbon dioxide, carbon monoxide.

Incompatibilities/Condition to Avoid: No specific information available.

Hazardous Polymerization: will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity:

Route of Entry: no specific information available.

Permissible Exposure limits:

TWA:

TLV:

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Dry Powder: sweep up and put in disposal container. Eliminate ignition sources. Wet Solution: Wet material may become slippery. Completely absorb with inert material, place in disposal container. Flush area with water and direct toward sanitary sewers(if permitted). Dispose in local sanitary landfill in accordance with federal, state, and local regulations. US EPA does not define this product as shipped as hazardous waste.

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Flush with water.

Skin Contact: Wash with mild soap and water.

Inhalation: Move to fresh air. If conditions persist, see medical attention.

Ingestion:

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SECTION 9: HANDLING AND STORAGE INFORMATION: Store in cool dry place to avoid deterioration of product. Keep containers closed to avoid moisture pick up. Avoid breathing dust when emptying container and wash hands after.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Local exhaust: recommended when appropriate to control employee exposure. Mechanical exhaust not recommended as sole means of controlling employee exposure.

Skin Protection: Wear impervious gloves if skin contact can occur.

Eye Protection: Wear safety goggles if eye contact can occur.

Respiratory Protection: Properly fitted NIOSH approved dust or air-line respirators.

Other: safety shower, eye wash facility.

SECTION 11: TRANSPORT INFORMATION

DOT Classification:

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations:

WHMIS (Canada):

DSCL (EEC):

HMIS (USA):