

XANTHAN GUM

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: Xanthan gum
INCI Name: Xanthan gum
Synonym: corn sugar gum
CAS Number: 11138-66-2
EINECS Number: 234-394-2
Origin: organic

2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point:	not applicable
Specific Gravity, H ₂ O= 1:	not applicable
Vapor Pressure, mmHg:	not applicable
Vapor Density, Air= 1:	not applicable
Evaporation Rate:	not applicable
Viscosity:	not applicable
Solubility in Water:	water soluble
Appearance & Odor:	white powder, bland odor

3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions
Incompatibility: none known
Hazardous Decomposition: see below
Hazardous Polymerisation: will not occur

4. HANDLING & STORAGE

Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: If dusts are generated, wear a NIOSH approved dust mask. Good local ventilation.
Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from dusts. Gloves not necessarily required to prevent skin contact.
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. HAZARDS IDENTIFICATION

General: No specific hazard known.
Inhalation: Avoid breathing high concentrations of dust. Provide fresh air. Permissible concentration in air: -10mg/m, nuisance dust, TWA8, ACGIH -15mg/m 3, total dust, TWA8 OSHA

Eye Contact: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.
Skin Contact: Not expected to be a primary skin irritant.
Ingestion: Xanthan gum is an approved food additive under 21 CFR 172.695. Product may contain up to the FCC limit of arsenic, (3ppm) lead (5ppm) and heavy metals (AS PB, 30 ppm).

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion: Give large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

9. FIRE FIGHTING MEASURES

Flammability Limits: None known
Unusual Fire Hazard: High concentrations of dust may explode when ignited by spark of flame.
Extinguishing Media: fog, CO₂ or dry
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

10. TOXICOLOGICAL INFORMATION

Hazardous products of decomposition may include: carbon monoxide and carbon dioxide.
LD 50: no data reported

11. DISPOSAL CONSIDERATIONS

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.

12. TRANSPORT INFORMATION

DOT Proper Shipping Name: refer to bill of lading or container label for DOT or other transportation hazard classification, if any.
SARA Title III: This product is exempt from SARA title III reporting because it is a food and/or contains no section 313 toxic chemicals.

13. DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

ALL DATA HEREIN ARE ALL AS PER OUR SUPPLIER.