



Safety Data Sheet

Section 1: Identification

Trade Name: Xanthan Gum

Synonyms: NovaXan

Company: Soapgoods Inc

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Section 2: Hazard(s) Identification

Emergency Overview

Fine dust dispersed in air may ignite. Product dust may be irritating to eyes, skin and respiratory system.

Appearance: Cream to Light yellow

Physical State: Solid / Powder or Granules

Odor: Characteristic

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation. Ingestion.

Acute Effects

Eyes Contact with eyes may cause mechanical irritation.

Skin Product dust may cause mild, mechanical irritation.

Inhalation Dust may cause irritation of respiratory tract.

Ingestion Ingestion may cause irritation to mucous membranes. Product may expand upon contact with moisture.

Chronic Effects Repeated contact may cause allergic reactions in very susceptible persons

Main Symptoms Itching. Shortness of breath.

Aggravated Medical Conditions Respiratory disorders . Skin disorders.

Potential Environmental Effects See Section 12 for additional ecological information.

Toxicological information See Section 11 for additional toxicological information.

Section 3: Composition/Information on Ingredients

Chemical nature of the preparation Substance

Chemical Family Polysaccharide gums

Non-hazardous Components

| Chemical Name | CAS No | % Content | North American Hazard Indicator |
|---------------|------------|-----------|---------------------------------|
| Xanthan gum | 11138-66-2 | 99-100 | |

Section 4: First-Aid Measures

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids

Skin Contact Rinse with water

Inhalation Move to fresh air

Ingestion Clean mouth with water and afterwards drink plenty of water

Notes to Physician Treat symptomatically

Section 5: Fire-Fighting Measures

Flammable Properties

Fine dust dispersed in air may ignite. Risks of ignition followed by flame propagation or secondary explosions should be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

Suitable Extinguishing Media

Water. Carbon dioxide (CO₂). Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

Hazardous Combustion Products

Carbon monoxide (CO), Carbon dioxide (CO₂).

Explosion Data

Sensitivity to mechanical impact No information available.

Sensitivity to static discharge Yes (as dust).

Specific Hazards Arising from the Chemical

None known

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Further information Dust explosibility class = 1 [Kst (bar-m/sec) = 92] Weak to moderately explosible

NFPA

Health 0

Stability and Reactivity 0

Flammability 1

Physical hazard -

Section 6: Accidental Release Measures

Personal Precautions Avoid dust formation. Material can create slippery conditions. Use personal protective equipment. For personal protection see section 8.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods for Clean-up Clean up promptly by sweeping or vacuum.

Section 7: Handling and Storage

Handling Ensure adequate ventilation. Avoid dust formation in confined areas. Fine dust dispersed in air may ignite. Refer to NFPA 61, "Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities".

Storage Keep in a dry, cool and well-ventilated place

Section 8: Exposure Controls/Personal Protection

Exposure Limits

This product is not known to contain any hazardous materials with occupational exposure limits established by the region specific

regulatory bodies. However, as an airborne dust, exposure limits pertaining to "particulates not otherwise regulated" have been provided below.

| Chemical Name | ACGIH TLV | OSHA PEL | MEXICO | NIOSH | OHSA |
|--------------------------------------|--|--|--------|-------|--|
| Particulates not otherwise regulated | TWA: 10 mg/m ³ inhalable particles, recommended TWA: 3 mg/m ³ respirable particles, recommended | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | | | TWA: 10 mg/m ³ inhalable particulate TWA: 3 mg/m ³ respirable particulate |

Legend

ACGIH TLV - American Conference of Governmental Industrial Hygienists Threshold Limit Values. OSHA

PEL - Occupational Safety and Health Administration Permissible Exposure Limits . OSHA - Ontario Occupational Health and Safety Act Exposure Limits. TWA - Time weighted average.

Engineering Measures Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Personal Protective Equipment

| | |
|------------------------|---|
| Eye/face Protection. | Safety glasses with side-shields. |
| Skin and Body | Protection Long sleeved clothing |
| Respiratory Protection | In case of insufficient ventilation wear suitable respiratory equipment |

| | |
|--------------------------------|---|
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice |
|--------------------------------|---|

Section 9: Physical and Chemical Properties

| | |
|--|------------------------------------|
| Appearance | Cream to Light yellow |
| Physical State | Solid / Powder or Granules |
| Odor | Characteristic |
| Odor | Threshold No information available |
| pH | Neutral |
| Flash Point | Not applicable. |
| Autoignition Temperature | 390°C / 734°F |
| Boiling point | Not applicable |
| Melting/Freezing Point | No information available |
| Decomposition temperature | No information available |
| Oxidizing Properties | No information available |
| Specific Gravity | No information available |
| Water Solubility | Soluble |
| Evaporation Rate | Not applicable |
| Vapor Pressure | Not applicable |
| Vapor Density | Not applicable |
| Partition Coefficient (n-octanol/water) | No information available |

Section 10: Stability and Reactivity

| | |
|---------------------|--------------------------------|
| Chemical Stability | Stable under normal conditions |
| Conditions to Avoid | Avoid dust formation. |

| | |
|------------------------------------|--|
| Incompatible Materials | Strong oxidizing agents. |
| Hazardous Decomposition Products | No information available. |
| Possibility of Hazardous Reactions | Hazardous polymerization does not occur. |

Section 11: Toxicological Information

Acute Toxicity
Product Information
LD50 Oral: No information available
LD50 Dermal: No information available
LC50 Inhalation: No information available

Chronic Effects
Carcinogenicity
There are no known carcinogenic chemicals in this product
OSHA: (Occupational Safety & Health Administration)
Not Listed
ACGIH: (American Conference of Governmental Industrial Hygienists)
Not Listed
NTP: (National Toxicity Program)
Not Listed
Mexico: (Official Mexican Norm NOM-010-STPS-1999)
Not Listed
IARC: (International Agency for Research on Cancer)
Not Listed

| | |
|-----------------------|--------------------------------|
| Irritation | No information available. |
| Sensitization | No information available |
| Mutagenic Effects | No information available |
| Developmental Effects | No information available |
| Corrosivity | No information available |
| Neurological Effects | No information available |
| Reproductive Effects | No information available. |
| Target Organ Effects | Respiratory system. Eyes. Skin |

Section 12: Ecological Information

| | |
|---------------------------|--|
| Ecotoxicity | Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste water treatment plants. |
| Persistence/Degradability | Expected to be biodegradable. |

Bioaccumulation/ Accumulation No information available.
 Mobility Soluble in water.

Section 13: Disposal Considerations

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste Disposal Methods Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction
 Contaminated Packaging Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal

Section 14: Transport Information

Domestic transport regulations (USA)
 DOT Not regulated
 Domestic transport regulations (Canada)
 TDG Not regulated
 Domestic transport regulations (Mexico)
 MEX Not regulated
 International transport regulations
 ICAO Not regulated
 IATA Not regulated
 IMDG/IMO Not regulated

Section 15: Regulatory Information

| Chemical Name | TSCA | DSL | NDSL | EINECS | ELINCS | AICS | ENCS ISHL | CHINA | PICCS | KECL | NZLoC |
|---------------|------|-----|------|------------------|--------|------|----------------|-------|-------|-----------------|-------|
| Xanthan gum | Yes | Yes | | Yes 234-394-2 | | Yes | Yes (8)-535 | Yes | Yes | Yes KE-35422 | Yes |

Legend

TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA). DSL - Domestic Substance List (Canada). NDSL - Non Domestic Substances List (Canada). EINECS - European Inventory of Existing Commercial Chemical Substances (EU). ELINCS - European List

of Notified Chemical Substances (EU). AICS - Australian Inventory of Chemical Substances (Australia). ENCS - Existing and New Chemical Substances (Japan). ISHL - Industrial Health and Safety Law (Japan). CHINA - Chinese Inventory of Existing Chemical Substances (China). PICCS - Inventory of Chemicals and Chemical Substances (Philippines). KECL - Korean Existing and Evaluated Chemical Substances (Korea). NZLoC - New Zealand Inventory of Chemicals (New Zealand). USA

Federal Regulations

Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain

any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 302

Section 302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain

any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 302.

SARA 311/312 Hazardous Categorization

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product is not known to contain any HAPS.

State Regulations

California Proposition 65

Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source.

Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.

State Right-to-Know

No known components subject to "Right-To-Know" legislation in the following States: Massachusetts.

Minnesota. New Jersey.

Pennsylvania. Rhode Island.

Canada

WHMIS Product Classification

Not a WHMIS controlled product.

WHMIS Ingredient Disclosure List IDL

No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

No known component is listed on NPRI.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the

SDS contains all the information required by the CPR.

Mexico

Mexico - Grade Slight risk, Grade 1

Section 16: Other Information

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