

Xanthan Gum, Prehydrated

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 20-Sep-2024
Supersedes: 22-Jan-2024

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Xanthan Gum, Prehydrated	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Xanthan Gum	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	11138-66-2	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Combustible dust.												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	May form combustible dust concentrations in air.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: May be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Xanthan Gum	11138-66-2	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. Treat symptomatically.
Inhalation:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. Treat symptomatically.
Skin:	Wash off with warm water.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Keep respiratory tract clear. Do not give milk or alcoholic beverages. If symptoms persist, call a physician. Treat symptomatically

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, dry powder, carbon dioxide (CO ₂), foam) for surrounding environment for adjacent fire. Do not use a high-volume water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Not applicable.
Specific hazards arising from the chemical:	Exposure to decomposition products may be a hazard to health. Hazardous combustion products include carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). See

also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid dust formation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Provide appropriate exhaust ventilation at places where dust is formed to avoid fire and explosion hazards. Avoid creating dust. Smoking, eating, and drinking should be prohibited in the application area. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed in a dry and well-ventilated place. Electrical installations/working materials must comply with the technological safety standards. Keep in a dry place. No decomposition if stored and applied as directed. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Xanthan Gum, Prehydrated	None		

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.

IDLH: Immediately Dangerous to Life or Health

WEEL: Workplace Environmental Exposure Levels

CEIL: Ceiling

Personal Protection:

Eyes:	Wear safety glasses.
Inhalation:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Body:	Wear suitable impervious gloves applying with an approved standard and a protective suit.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	Not applicable
Odor:	Characteristic	Relative Vapor Density:	Not applicable
Odor Threshold:	Not determined	Evaporation Rate:	No data available
Color:	Off-white, beige	Flammability:	May form explosive dust-air mixture
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH at 77 °F (25 °C):	5.5 - 8.5	Flash Point:	Not applicable
Boiling Point/Range:	Not applicable	Specific Gravity:	No data available
Melting Point/Range:	Decomposes without melting	Water Solubility:	Completely soluble
Relative Density:	No data available	Other Solubility:	Insoluble in other solvents Dispersible in alcohol
Partition Coefficient: n-octanol/water:	No data available	Auto-Ignition Temperature:	Not applicable

Kinematic Viscosity:	Not applicable	Decomposition Temperature:	No data available
Oxidizing Properties:	No oxidizing effect	Explosive Properties:	Not explosive
Dust Explosion Class:	St1	Particle Size:	ca. 0.02 - 1.2 mm

10 STABILITY AND REACTIVITY

Reactivity:	No decomposition if stored and applied as directed.
Chemical Stability:	No decomposition if stored and applied as directed.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	Not applicable.
Hazardous Decomposition Products:	Build-up of dangerous/toxic fumes possible in cases of fire/high temperature. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
Possible Hazardous Reactions:	Stable under recommended storage conditions. No hazards to be specially mentioned. Dust may form explosive mixture in air.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified based on available information.
Skin:	(Rat) 360 hours; Result: No skin irritation. (Rabbit) 120 hours; Result: No skin irritation.
Eyes:	(Rat) 120 hours; Result: No eye irritation. Not classified based on available information.
Inhalation:	(Rat): 21 mg/l; Exposure time: 1 hours; Assessment: The substance or mixture has no acute inhalation toxicity; An LC50/inhalation/4 hours/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.
Ingestion:	(Rat) LD50 Oral: 45,000 mg/kg. Assessment: The substance or mixture has no acute oral toxicity. (Mouse) LD50 Oral: 20,000 mg/kg. Assessment: The substance or mixture has no acute oral toxicity.
Carcinogenicity:	Not classified based on available information. Not classifiable as a human carcinogen.
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified based on available information. Animal testing did not show any mutagenic effects.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified based on available information for single or repeated exposure.
Reproductive Toxicity:	Not classified based on available information.
Repeated Dose Toxicity:	(Rat, Oral): < 1000 mg/kg; 24 hours; Remarks: No adverse effect has been observed in chronic toxicity tests.
Skin Sensitization:	(Guinea pig) Result: Did not cause sensitization on laboratory animals. Not classified based on available information. Not classified based on available information.
Respiratory Sensitization:	(Guinea pig) Result: Did not cause sensitization on laboratory animals. Not classified based on available information. Not classified based on available information.
Skin Corrosion/Irritation:	Not classified based on available information.
Aspiration Toxicity:	Not classified based on available information.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	(Rainbow trout): 420 mg/l; 96 hours; Remarks: No adverse effect has been observed in acute toxicity tests.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Biodegradation: 78%; Exposure time: 28 days; Method: OECD Test Guideline 301F; Remarks: Readily biodegradable.

Biochemical Oxygen Demand (BOD):	Biochemical oxygen demand within 5 days; 200 mg/g.
Bioaccumulative Potential:	The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances; Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

13 DISPOSAL CONSIDERATIONS

Waste Residues:	In accordance with local and national regulations. Where possible recycling is preferred to disposal or incineration. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as a hazardous material.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good.
IATA (International Air Transport Association):	Not regulated as a dangerous good.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	On the inventory, or in compliance with the inventory. No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.
CERCLA Reportable Quantity:	This material does not contain any components with a CERCLA RQ.
SARA 304:	This material does not contain any components with a section 304 Extremely Hazardous Substances Reportable Quantity.
SARA 302:	This material does not contain any components with a section 302 Extremely Hazardous Substances Threshold Planning Quantity.
SARA 311/312 Hazards:	Combustible dust.
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act:	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).
Clean Water Act:	This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307. This product does not contain any priority pollutants related to the U.S. Clean Water Act.

Massachusetts Right To Know:	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know:	Xanthan Gum (11138-66-2).
Chemicals of High Concern:	Product does not contain any listed chemicals in Maine, Vermont, or Washington.
California Prop. 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Canada (DSL):	All components of this product are on the Canadian DSL.
EU (EINECS):	On the inventory, or in compliance with the inventory.
China (IECSC):	On the inventory, or in compliance with the inventory.
Australia (AICS):	On the inventory, or in compliance with the inventory.
Japan (ISHL):	On the inventory, or in compliance with the inventory.
Philippines (PICCS):	On the inventory, or in compliance with the inventory.
Korea (KECI):	On the inventory, or in compliance with the inventory.
New Zealand (NZIoC):	On the inventory, or in compliance with the inventory.

16 OTHER INFORMATION

Revision Date:	20-Sep-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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.