

**SECTION 1: Identification of the Substance / Mixture and of the Company / Undertaking****1.1. Product Identifier**

Product name : Xanthan Gum  
Chemical formula : C<sub>35</sub>H<sub>49</sub>O<sub>29</sub>

**1.2. Details of the Distributor of the Safety Data Sheet**

Company Name : GreenSol Limited  
Address : #39-41 Marryat Street, San Fernando, Trinidad, West Indies  
Telephone : +1(868) 225-4858  
Mobile : +1(868) 720-2517  
Email : [sdeokiesingh@greensolltd.com](mailto:sdeokiesingh@greensolltd.com)

**1.3. Emergency Telephone Number**

Emergency Number : +1(868) 720-2517 (GREENSOL)  
: +1(800) 424-9300 (CHEMTREC)

**SECTION 2: Hazard Identification**

Potential Acute Health Effects : Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.  
Potential Chronic Health Effects : CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Hazard Pictogram :



GHS07

Signal Word : **WARNING**

**SECTION 3: Composition / Information on Ingredients**

Component	CAS NO.
Xanthan Gum	11138-66-2

**Toxicological Data on Ingredients:** Xanthan gum LD50: Not available. LC50: Not available.

**SECTION 4: First Aid Measures**

Eye Contact	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Serious Skin Contact	: Wash with a disinfectant soap and cover the contaminated skin with an antibacterial cream. Seek medical attention.
Inhalation	: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.
Ingestion	: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Serious Ingestion	: Not available.

## SECTION 5: Firefighting measures

Flammability of the Product	: May be combustible at high temperature.
Auto-Ignition Temperature	: Not available.
Flash Points	: Not available.
Flammable Limits	: Not available.
Products of Combustion	: Not available.
Fire Hazards in Presence of Various Substances	: Flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat.
Explosion Hazards in Presence of Various Substances	: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards	: Not available.
Special Remarks on Explosion Hazards	: Not available.

## SECTION 6: Accidental Release Measures

Small Spill	: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Large Spill : Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### SECTION 7: Handling & Storage

Precautions : Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage : Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### SECTION 8: Exposure Controls / Personal Protection

Engineering Controls : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: : Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill : Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits : Not available.

### SECTION 9: Physical and Chemical Properties

Physical State and Appearance : Solid  
Boiling Point : Decomposes  
Flammability (solid, gas) : May be combustible at high temperature  
Specific Gravity : 1.5 (Water = 1)  
Solubility : Easily soluble in cold water  
Odor : Not available  
Taste : Not available  
Molecular Weight : Not available  
Color : Not available

pH (1% soln/water)	: Not available
Melting Point	: Not available
Critical Temperature	: Not available
Vapor Pressure	: Not available
Vapor Density	: Not available
Volatility	: Not available
Odor Threshold	: Not available
Water/Oil Dist. Coeff	: Not available
Ionicity (in Water)	: Not available
Dispersion Properties	: See solubility in water.

### SECTION 10: Stability and Reactivity

Stability	: The product is stable.
Instability Temperature	: Not available
Conditions of Instability	: Not available.
Incompatibility with various substances	: Not available.
Corrosivity	: Non-corrosive in presence of glass.
Special Remarks on Reactivity	: Not available.
Special Remarks on Corrosivity	: Not available.
Polymerization	: No

### SECTION 11: 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 12: 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 13: Disposal Considerations

Dispose of in accordance with local, state and federal regulations. Dry or wet solid material can be landfilled in accordance with local, state and federal regulations. Liquids may be sewerred in accordance with local, state and federal regulations if care is taken to avoid pluggage or blockage of sewer systems recognizing that these materials are intended to increase viscosity and form gels. As a carbohydrate, this material should be readily biodegradable.

### SECTION 14: Transportation Information

DOT Classification : Not a DOT controlled material (United States).  
Identification : Not applicable.  
Special Provisions for Transport : Not applicable.

### SECTION 15: Regulatory Information

**Federal and State Regulations:** TSCA 8(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 16: Other Information



**Notice to Reader:**

This SDS provides the information contained in this document in good faith but makes no representation as to its accuracy. This document is intended solely to guide the safe handling of the material by a properly trained individual. The final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with caution. Although some hazards are described, it cannot be guaranteed that these are the only hazards that exist.

<b>Version</b>	<b>Date of Change</b>	<b>Change Description</b>	<b>Responsible Person</b>
2	20-06-2021	Updated to supplier SDS Rev. 2	Laboratory Coordinator

