

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : April 21, 2022

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## 1. PRODUCT AND COMPANY IDENTIFICATION

|                        |   |  |
|------------------------|---|--|
| Product name           | : | Guar Gum (Cosmetic Grade Thickener)                      |
| INCI name              | : | Cyamopsis Tetragonoloba (Guar) Gum                       |
| CAS #                  | : | 9000-30-0  |
| Country of Origin      | : | India  |
| EINECS #               | : | 232-536-8  |
| Product use            | : | Domestic and Industrial                                  |
| Supplier               | : | New Directions Aromatics Inc.                            |
| Address                | : | 6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9 |
| Fax                    | : | 905-362-1926   |
| Telephone number       | : | 905-362-1915   |
| Emergency phone number | : | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY                 |

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Not a dangerous substance according to GHS classification criteria. Classified as Combustible Dusts — Category 1 as per Hazardous Products Regulations (SOR/2015-17)

### GHS Label elements, including precautionary statements

Signal: Warning

### Hazard statement(s)

Not applicable. May form combustible dust concentrations in air.

### Precautionary statement(s)

Not applicable. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.

### Other Info

Other hazards which do not result in classification: May form explosible dust-air mixture if dispersed.

## 3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO    | EC NO     | Concentration |
|--------------|-----------|-----------|---------------|
| Guar Gum     | 9000-30-0 | 232-536-8 | 100 %         |

## 4. FIRST AID MEASURES

### Eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation

occurs.

### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

### **Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if

adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### **Ingestion**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not

induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by

mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## **5. FIRE FIGHTING MEASURES**

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### **Suitable extinguishing media**

Carbon dioxide, foam, dry powder or water spray.

### **Unsuitable extinguishing media**

Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **Methods and materials for containment and cleaning up**

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## **7. HANDLING AND STORAGE**

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### **Precautions for safe handling**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

### **Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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### **Eyes**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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|                               |   |                                      |
|-------------------------------|---|--------------------------------------|
| Appearance                    | : | Off white to yellowish white powder. |
| Odor                          | : | Mild odor.                           |
| pH                            | : | 5.5 - 6.5                            |
| Initial b.p and boiling range | : | > 93 °C                              |
| Flash point                   | : | >93°C                                |
| Solubility (ies)              | : | Easily soluble in cold water.        |
| Auto-ignition temperature     | : | 360 °C                               |

## **10. STABILITY AND REACTIVITY**

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### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

#### **Conditions to avoid**

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.

#### **Incompatible materials**

Strong oxidizing agents.

#### **Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **11. TOXICOLOGICAL INFORMATION**

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#### **Acute toxicity**

Guar gum:  
LD50 Oral: 6770 mg/kg (Rat)

#### **Inhalation**

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

#### **Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

#### **Eye contact**

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

### **12. ECOLOGICAL INFORMATION**

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#### **Ecotoxicity**

Guar gum:  
Acute LC50: 42000 µg/l Fresh water( Daphnia magna ) 48 hours  
Acute LC50: 218000 µg/l Fresh water (Fish- Oncorhynchus mykiss) 96 hours

#### **Persistence and degradability**

Not available.

#### **Bio - accumulative potential**

Not available.

#### **Mobility in soil**

Not available.

#### **Other adverse effects**

Not available.

### **13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

### **14. TRANSPORT INFORMATION**

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#### **US DOT Shipping Description (Land)**

Not regulated

#### **IMO-IMDG Shipping Description (Sea)**

Not regulated

## **IATA Shipping Description (Air)**

Not regulated

### **15. REGULATORY INFORMATION**

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#### **DSL / NDSL**

All the ingredients are on the DSL list.

#### **TSCA**

All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.

### **16. OTHER INFORMATION**

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#### **Disclaimer & Caution**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.