

## Guar Gum, Cationic

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

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### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Guar Gum, Cationic	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Guar Hydroxypropyltrimonium Chloride	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	65497-29-2	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified.  
**GHS Labeling:** Not a dangerous substance according to GHS.  
**GHS Hazard Pictograms:** None.  
**GHS Hazard Statements:** None.  
**GHS Precautionary Statements:** None.  
**Potential Health Hazards:** Eyes: Prolonged contact may cause slight irritation.  
 Inhalation: Prolonged exposure may cause slight irritation.  
 Skin: Prolonged contact may cause slight irritation.  
 Ingestion: May cause nausea, vomiting, or diarrhea.

**NFPA Ratings (704):**

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>
Guar Hydroxypropyltrimonium Chloride	65497-29-2	100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**Inhalation:** Remove casualty to fresh air and keep warm and at rest.  
**Skin:** Wash with plenty of water and soap.  
**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Do not under any circumstances induce vomiting. Seek immediately medical advice.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperatures. Use appropriate media (water, carbon dioxide (CO<sub>2</sub>)) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.  
**Special protective equipment & precautions for firefighters:** Do not inhale explosion and combustion gases. Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

**Flash Points:** Not applicable.  
**Specific hazards arising from the chemical:** None listed. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Remove persons to safety. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Retain contaminated washing water and dispose it. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Avoid contact with skin and eyes, inhalation of vapors and mists. Do not eat or drink while working. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep containers closed. Store in a dry place away from moisture. Avoid accumulating electrostatic charge. Keep away from food, drink, and feed. Use adequate ventilation in storage area, with paper bags as the suggested packing material. 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>
Guar Gum, Cationic	10 mg/mc (inhalable particles) 3 mg/mc (respirable particles)	TLV-TWA TLV-TWA	ACGIH ACGIH

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:

<b>Eyes:</b>	Use close fitting safety goggles.
<b>Inhalation:</b>	Use adequate protective respiratory equipment.
<b>Body:</b>	Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized. In case of prolonged contact, the use of protective gloves is recommended, providing comprehensive protection to chemicals. No additional special precautions adopted for normal use.
<b>Other:</b>	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

<b>Appearance:</b>	Powder	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Slight	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Light yellow	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH at 20 °C:</b>	5.0 - 7.0 (10g/l in water)	<b>Flash Point:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Dispersible
<b>Bulk Density:</b>	0.6 - 0.7g/cro3	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions. As organic product, dust may form explosive mixture if dispersed in air. Keep away from ignition sources and adopt usual precautions to avoid dust explosion.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	Stable under normal conditions.
<b>Incompatible Materials:</b>	Strong acids and alkali, strong oxidizers.
<b>Hazardous Decomposition Products:</b>	Not known.
<b>Possible Hazardous Reactions:</b>	Stable under normal conditions.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not classified. The classification criteria are not met.
<b>Skin:</b>	Repeated and prolonged contact may cause slight irritation. Source: By analogy to product with similar composition.
<b>Eyes:</b>	Repeated and prolonged contact may cause slight irritation. Source: By analogy to product with similar composition.
<b>Inhalation:</b>	Prolonged dusts exposures may cause slight and temporary irritation to respiratory system. As other vegetable origin substances, allergenic reactions in susceptible people could occur by inhalation.
<b>Ingestion:</b>	(Rat, Oral) LD50 > 5000 mg/kg. Source: By analogy to product with similar composition.
<b>Skin Corrosion:</b>	Not classified. The classification criteria are not met.
<b>Serious Eye Damage:</b>	Not classified. The classification criteria are not met.
<b>Skin Sensitization:</b>	Not classified. The classification criteria are not met. Not sensitizing. Source: By analogy to product with similar composition.
<b>Carcinogenicity:</b>	Not classified. The classification criteria are not met.
<b>Teratogenicity:</b>	No data available.
<b>Endocrine Disrupting Properties:</b>	No endocrine disruptor substances present in concentration $\geq$ 0.1%.
<b>Germ Cell Mutagenicity:</b>	Not classified. The classification criteria are not met. Mutagenesis: Not mutagenic. Source: By analogy to product with similar composition.
<b>Specific Target Organ Toxicity:</b>	Not classified. The classification criteria are not met for single and repeated toxicity.
<b>Reproductive Toxicity:</b>	Not classified. The classification criteria are not met.
<b>Aspiration Hazard:</b>	Not classified. The classification criteria are not met.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not classified for environmental hazards. The classification criteria are not met.
<b>Aquatic Vertebrate:</b>	(Fish) LC50 > 100 mg/l - Duration: 96 hours - Notes: Literature data.
<b>Aquatic Invertebrate:</b>	OECD 202 (Daphnia magna) EC50 > 100 mg/l; 48 hours; Notes: Data on product with similar structure obtained by experimentation Lamberti.
<b>Terrestrial:</b>	ISO 10253 (Algae) EC50 > 500 mg/l; Notes: Data on product with similar structure obtained by experimentation Lamberti.
<b>Aquatic Chronic Toxicity:</b>	ISO 10253 Algae NOEC = 5 mg/l- Notes: Data on product with similar structure obtained by experimentation Lamberti.
<b>Persistence and Degradability:</b>	Test: OECD 302C: > 50% - Notes: Data on product with similar structure obtained by experimentation Lamberti.
<b>Bioaccumulative Potential:</b>	Not Bioaccumulative (Internal evaluation); Notes: By analogy to product with similar composition.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	vPvB Substances: None; PBT Substances: None.
<b>Other Adverse Effects:</b>	None.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not classified as dangerous in the meaning of transport regulations. Not a marine pollutant.
<b>IATA (International Air Transport Association):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>ICAO (International Civil Aviation Organization):</b>	Not classified as dangerous in the meaning of transport regulations.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available.
<b>Canada (DSL):</b>	No data available.
<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (KECI):</b>	No data available.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

<b>Additional Abbreviations:</b>	LD50: Lethal concentration, for 50 percent of test population. EC50: Effective concentration, for 50 percent of test population.
<b>Revision Date:</b>	09-Oct-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.