

## 1 - Identification

**Product Identifier**

**Trade Name:** Guar Conditioner

**MSDS Code:**

**Chemical Description:** Natural polymer derivative

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use:** Industrial uses

**Restrictions on Use:** Not known

**Address:** Ingredients To Die For, 11110 Metric Blvd, Ste D, Austin, TX 78758

**Phone:** 512-535-2711

**Emergency Contact:** Chemtrec Emergency Hotline: 800-424-9300 (US and Canada)

## 2 - Hazard(s) Identification

**Classification of the Chemical**

Following GHS and within the meaning of 29 CFR 1910.1200 (OSHA)

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label Elements**

**Hazard Pictograms:** None

**Hazard Statements:** None

**Precautionary Statements:** None

**Special Provisions:** None

**Ingredient(s) with Unknown Acute Toxicity:** None

## 3 - Composition/Information on Ingredients

**Substances** Not hazardous

**Mixtures** N/A

## 4 - First-Aid Measures

<b>In Case of Skin Contact:</b>	Wash with plenty of water and soap.
<b>In Case of Eye Contact:</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>In Case of Ingestion:</b>	Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
<b>In Case of Inhalation:</b>	Remove casualty to fresh air and keep warm and at rest.
<b>Most Important Symptoms/Effects, Acute</b>	None
<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	None

## 5 - Fire-Fighting Measures

<b>Suitable Extinguishing Media:</b>	Water, Carbon Dioxide (CO2)
<b>Unsuitable Extinguishing Media:</b>	Not known
<b>Specific Hazards Arising from the Chemic</b>	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
<b>Hazardous Combustion Products:</b>	None
<b>Explosive Properties:</b>	N.D.
<b>Oxidizing Properties:</b>	N.D.
<b>Special Protective Equipment and Precautions for Firefighters:</b>	
	Use suitable breathing apparatus.
	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.

## 6 - Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapors/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

### Methods and Materials for Containment and Cleaning Up

Wash with plenty of water.

## 7 - Handling and Storage

### Precautions for Safe Handling:

Avoid contact with skin and eyes, inhalation of vapors and mists.

Do not use on extensive surface areas in premises where there are occupants.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for Safe Storage, including Any Incompatibilities:

Keep containers closed. Store in a dry place away from moisture.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

**Incompatible Materials:** None

**Instructions Regarding Storage Premises:** Adequate ventilation in working area.

**Storage Temperature:** Store at ambient temperature.

**Packaging Suggested:** Paper bags

## 8 - Exposure Controls/Personal Protection

### Control Parameters

TLV/TWA - Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS): 10 mg/mc as inhalable particles; 3mg/mc as respirable particles -

**Appropriate Engineering Controls:** None

### Individual Protection Measures

**Eye Protection:** Not needed for normal use.

**Protection for Skin:** No special precaution must be adopted for normal use.

**Protection for Hands:** Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

**Respiratory Protection:** Use adequate protective respiratory equipment. Select NIOSH/MSHA approved equipment.

**Thermal Hazards:** None

## 9 - Physical and Chemical Properties

<b>Appearance and Color:</b>	Powder	<b>Bulk Density:</b>	0.6 - 0.7 g/cm <sup>3</sup>
<b>Odor:</b>	Slight	<b>Solubility in Water:</b>	Dispersible
<b>Odor Threshold:</b>	N.D.	<b>Solubility in Oil:</b>	N.D.
<b>pH:</b>	5.0 - 7.0 (10 g/l in water @ 20 C)	<b>Partition Coefficient (n-octanol/wat</b>	N.D.
<b>Melting Point/Freezing Point:</b>	N.D.	<b>Auto-Ignition Temperature:</b>	N.D.
<b>Initial Boiling Point and Boiling Ra</b>	N/A	<b>Decomposition Temperature</b>	N.D.
<b>Solid/Gas Flammability:</b>	N.D.	<b>Viscosity:</b>	N.D.
<b>Upper/Lower Flammability or Expl</b>	N.D.	<b>Miscibility:</b>	N.D.
<b>Vapor Density:</b>	N.D.	<b>Fat Solubility:</b>	N.D.
<b>Flash Point:</b>	N/A	<b>Conductivity:</b>	N.D.
<b>Evaporation Rate:</b>	N.D.	<b>Substance Groups Relevant Prope</b>	N.D.
<b>Vapor Pressure:</b>	N.D.		

## 10 - Stability and Reactivity

<b>Reactivity:</b>	Stable under normal conditions. As organic product, usual precautions to avoid explosion of dusts are recommended.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Stable under normal conditions.
<b>Incompatible Materials:</b>	Strong oxidizers, strong bases and strong acids
<b>Hazardous Decomposition Products:</b>	Not known

## 11 - Toxicological Information

### Information on Toxicological Effects

#### Toxicological Information of the Substance:

<b>a) Acute Toxicity:</b>	LD50 Oral Rat > 5000 mg/kg - source: By analogy to product with similar composition.
<b>b) Skin Corrosion/Irritation:</b>	Irritation Skin: Repeated and prolonged contacts may cause slight irritation. - Source: By analogy to product with similar composition.
<b>c) Serious Eye Damage/Irritation:</b>	Irritation Eye: Repeated and prolonged contacts may cause slight irritation. - Source: By analogy to product with similar composition.
<b>d) Respiratory or Skin Sensitization:</b>	Sensitization Skin: Not sensitizing. - Source: By analogy to product with similar composition.
<b>e) Germ Cell Mutagenicity:</b>	Mutagenesis: Not mutagenic. - Source: By analogy to product with similar composition.

#### Other:

**Inhalation:** Prolonged dusts exposures may cause slight and temporary irritation to respiratory system. - Source: By analogy to product

**Inhalation:** May cause allergenic reactions in susceptible people. - Source: By analogy to product with similar composition.

#### Carcinogens Listing:

<b>NTP:</b>	No
<b>IARC:</b>	No
<b>OSHA:</b>	No
<b>GHS:</b>	No

## 12 - Ecological Information

### Ecotoxicity

#### Ecological Information of the Substance:

**Aquatic Acute Toxicity:** Algae EC50 > 10 - <100 m/l - Notes: By analogy to product with similar composition.

### Persistence and Degradability

#### Ecological Information of the Substance:

**Biodegradability:** The natural polymer derivatives are not considered as readily biodegradable, showing a biodegradation value <60% (OECD 301) but they have no environmental concern due to the negligible bioaccumulation and can be easily removed in water treatment plants.

### Bioaccumulative Potential

#### Ecological Information of the Substance:

**Bioaccumulation:** Not bioaccumulative - (Internal Evaluation) - Notes: By analogy to product with similar composition.

### Mobility in Soil

Data not available.

### Other Adverse Effects

None. Use according to criteria of good industrial practice, avoiding product dispersion in the environment.

## 13 - Disposal Considerations

**Waste Treatment and Disposal Methods** If possible recover the product in accordance with local regulation.

## 14 - Transport Information

UN Number	N/A
Proper Shipping Name	N/A
Transport Hazard Class(es)	
US DOT:	Not regulated
Road (ADR):	Not regulated
Air (ICAO/IATA):	Not regulated
Sea (IMO/IMDG):	Not regulated
Packing Group	N/A
Environmental Hazards:	N/A
Special Precautions for User	N/A
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N.D.

## 15 - Regulatory Information

**USA - Federal Regulations**

**TSCA - Toxic Substances Control Act**

**TSCA Inventory: This substance is listed**      None  
on the active TSCA inventory. TSCA

**SARA - Superfund Amendments and Reauthorization Act**

**Section 302 - Extremely Hazardous Subst:** No

**Section 304 - Hazardous Substances:**      No

**Section 313 - Toxic Chemical List:**      No

**CERCLA - Comprehensive**      No  
**Environmental Response,**

**CAA - Clean Air Act**

**CAA Listed Substances:**      No

**CWA - Clean Water Act**

**CWA Listed Substances:**      No

**USA - State Specific Regulations**

**California Proposition 65**      No

**Massachusetts Right to Know**      No

**New Jersey Right to Know**      No

**Pennsylvania Right to Know**      No

**Regulatory Information USA:**

**HMIS INFORMATION**

HEALTH 1		4 = SEVERE
FLAMMABILITY 1		3 = SERIOUS
REACTIVITY 0		2 = MODERATE
PERSONAL PROTECTION E		1 = SLIGHT
E* Safety glasses, gloves, dust respirators		0 = MINIMAL

**Sara Title III Section 311/312:**      Non-hazardous

**State Regulations:**

**Canadian Regulation:**      All the ingredients as such or as a chemical group are registered in DSL.

**Canadian WHMIS:**      Non-hazardous

**Revision Date:**      3/14/2017

**DISCLAIMER**

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No statement or suggestion of use should be construed as a recommendation or inducement to violate any patent rights and no patent liability may be assumed.



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