

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

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

5 - Fire-Fighting Measures

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

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

10 - Stability and Reactivity

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

11 - Toxicological Information

Information on Toxicological Effects

Toxicological Information of the Substance:

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

NTP:	No
IARC:	No
OSHA:	No
GHS:	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 on the active TSCA inventory. TSCA None

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 Environmental Response, No

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

Technical information and suggestions for use including any formulations and / or procedures are believed to be correct. However this does not constitute a guarantee of the accuracy of the information contained herein and confirming tests in your own laboratory or facility are recommended.

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.

State of the Art Ingredients * Fast Friendly Service

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. As the ordinary or otherwise use(s) of this product is outside the control of Ingredients To Die For, 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.

Ingredients To Die For expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, Ingredients To Die For as to the fitness for any use should consider nothing contained herein as a recommendation. The liability of Ingredients To Die For is limited to the value of the goods and does not include any consequential loss.