

**Safety Data Sheet**  
**Conditioning Powder - Cationic Guar Gum**

July 14th, 2023

**Section 1: Chemical Product and Company Identification**

<b>Product name:</b>	Conditioning Powder - Cationic Guar Gum
<b>Contact Info:</b>	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
<b>Emergency Phone Number:</b>	Within USA & Canada: 1.800.424.9300 CCN693143 Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

**Section 2: Hazards Identification**

**Classification of the substance or mixture**

**GHS Classification:**

Serious eye damage/irritation: Category 2A

Acute aquatic toxicity: Category 3

**GHS Label Elements:**



**Hazard pictograms:**

**Signal Word:**

Warning

**Hazard Statements:**

H319 Causes serious eye irritation.

H402 Harmful to aquatic life.



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### Precautionary Statements :

Prevention: Keep dust/air mixtures away from ignition sources.

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

## Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture

Hazardous components:

Substance	CAS #'s	Classification	%
Guar Gum	65497-29-2	Eye Dam. 2A; H319 Aquatic Acute 3; H402	>=90-< =100

## Section 4: First Aid Measures

**General advice:** Move out of the dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

**If inhaled:** If breathed in, move the person into fresh air. If unconscious, place in a recovery position and seek medical advice. If symptoms persist, call a physician.

**In case of skin contact:** Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.

**In case of eye contact:** Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eyes.



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**If swallowed:** IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed:** Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), pain in the abdomen and lower back, acute kidney failure (sudden slowing or stopping of urine production). Causes serious eye irritation.

**Notes to physician:** No hazards which require special first aid measures.

## Section 5: Fire-Fighting Measures

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**Unsuitable extinguishing media:** High volume water jet

**Specific hazards during firefighting:** Organic dusts at sufficient concentration can form explosive mixtures in air. Do not allow run-off from fire fighting to enter drains or water courses.

**Hazardous combustion products:** Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, hydrocarbons

**Specific extinguishing methods:** Product is compatible with standard fire-fighting agents. Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.

## Section 6: Accidental Release Measures

**Personal precautions:** Avoid breathing dust. Use personal protective equipment. Persons not wearing protective equipment should be excluded from the area of the spill until clean-up has been completed.

**Environmental precautions:** Prevent products from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods and materials for containment and cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**Other information:** Comply with all applicable federal, state, and local regulations.

## Section 7: Handling and Storage



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**Advice on protection against fire and explosion:** Normal measures for preventive fire protection.

**Advice on safe handling:** Do not breathe vapors/dust. Containers are hazardous when empty. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

**Conditions for safe storage:** Keep the container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Recommended storage temperature:** 59 - 77 °F / 15 - 25 °C

**Further information on storage stability:** Protect from frost. No decomposition if stored and applied as directed.

## Section 8: Exposure Controls/Personal Protection

**Components with workplace control parameters:**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Remarks :** Gloves butyl-rubber Nitrile rubber. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection:** Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

**Skin and body protection:**

Wear as appropriate:

-Safety shoes

-Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

-Wear resistant gloves (consult your safety equipment supplier).

**Hygiene measures:**

-Avoid breathing dust.

-Wash hands before breaks and at the end of the workday.

-When using do not eat or drink.

-When using do not smoke.

## Section 9: Physical and Chemical Properties

**Appearance:** Granules, powder

**Odor:** slight, mild

**Color:** off white

**pH (Direct):** 8-10 @ concentration 1% in aq solution

**Odour Threshold:** Not applicable

**pH:** No data available

**Melting point/freezing point:** not determined

**Boiling point/boiling range:** not determined



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**Flash point:** Not applicable  
**Evaporation rate:** not determined  
**Flammability (liquids):** not determined  
**Upper explosion limit:** Upper explosion limit not determined  
**Lower explosion limit:** Lower explosion limit not determined  
**Vapour pressure:** not determined  
**Relative vapour density:** not determined  
**Bulk density:** ca. 610 kg/m<sup>3</sup>  
**Density:** 0.6 g/cm<sup>3</sup>  
**Solubility(ies)**  
    **Water solubility:** Soluble, limited by viscosity  
    **Solubility in other solvents:** No data available  
**Partition coefficient: n-octanol/water:** not determined  
**Thermal decomposition:** No data available  
**Viscosity**  
    **Viscosity, dynamic:** not determined  
    **Viscosity, kinematic:** not determined  
**Oxidizing properties:** Not applicable

## Section 10: Stability and Reactivity

**Reactivity:** No decomposition if stored and applied as directed.  
**Chemical stability:** Stable under recommended storage conditions.  
**Possibility of hazardous reactions:** Dust may form explosive mixture in air.  
**Conditions to avoid:** Excessive Heat. Keep away from heat, flame, sparks and other ignition sources.  
Exposure to light. UV Light  
**Incompatible materials:** Strong acids, Strong oxidizing agents  
**Hazardous decomposition products:** Carbon monoxide or Carbon dioxide (CO<sub>2</sub>), hydrocarbons

## Section 11: Toxicological Information

**Information on likely routes of exposure:** Inhalation, Skin contact, Eye Contact, Ingestion

**Acute toxicity:** Not classified based on available information.



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**Skin corrosion/irritation:** Not classified based on available information.

**Remarks:** May cause skin irritation in susceptible persons.

**Components:**

**Guar Gum:**

Result: No skin irritation

**Serious eye damage/eye irritation:** Causes serious eye irritation.

**Remarks:** Product dust may be irritating to eyes, skin and respiratory system. Causes serious eye irritation.

**Components:**

**Guar Gum:**

Result: Irritating to eyes.

**Respiratory or skin sensitisation:**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

**Germ cell mutagenicity:** Not classified based on available information.

**Carcinogenicity:** Not classified based on available information.

**Reproductive toxicity:** Not classified based on available information.

**STOT - single exposure:** Not classified based on available information.

**STOT - repeated exposure:** Not classified based on available information.

**Aspiration toxicity:** Not classified based on available information.

## Section 12: Ecological Information

**Ecotoxicity:**

**Components:**

**Guar Gum:**

**Toxicity to fish :** LC50 (Cyprinus carpio (Carp)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

**Toxicity to daphnia and other aquatic invertebrates:**

EC50 (Daphnia magna (Water flea)): 54 mg/l  
Exposure time: 48 h



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**Toxicity to algae:**  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes  
NOEC (Blue-green algae (Anabaena flos-aquae)): > 100 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition  
Method: OECD Test Guideline 201  
GLP: yes

### **Persistence and degradability**

#### **Components:**

##### **Guar Gum:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 95 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D  
GLP: yes  
Remarks: Information given is based on data obtained from similar substances.

### **Bioaccumulative potential**

#### **Components:**

No data available.

### **Mobility in soil**

#### **Components:**

No data available.

#### **Other adverse effects**

Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

## **Section 13: Disposal Conditions**

### **Disposal methods**

**General advice :** The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Dispose of in accordance with all applicable local, state and federal regulations.



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**Contaminated packaging** : Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## **Section 14: Transport Information**

### **International transport regulations:**

**U.S. DOT - Road:** Not dangerous goods

**CFR Rail:** Not dangerous goods

**U.S. Dot - Inland Waterways:** Not dangerous goods

**TDG Road:** Not dangerous goods

**TDG Rail:** Not dangerous goods

**TDG INWT:** Not dangerous goods

**International Maritime Dangerous Goods:** Not dangerous goods

**International Air Transport Association - Cargo:** Not dangerous goods

**International Air Transport Association - Passenger:** Not dangerous goods

**MX DG:** Not dangerous goods

**Marine Pollutant:** No

## **Section 15: Regulatory Information**

### **National regulatory information**

Regulations on the Control over Safety of Dangerous Chemicals (Decree No. 591 of the State Council of the People's Republic of China)

### **List of dangerous goods GB12268-2005**

### **Classification and code of dangerous goods (GB6944-2005)**

### **General rules for preparation of chemical safety data sheet (GB16483-2008)**

### **Classification and labels of dangerous chemical substances commonly used (GB13690-2009)**

### **The components of this product are reported in the following inventories:**

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TCSI : On the inventory, or in compliance with the inventory

TSCA : On or in compliance with the active portion of the TSCA inventory





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### **Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)  
- On or in compliance with the active portion of the TSCA inventory

## **Section 16: Other Information**

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