



Section 1. Product and Company Identification

**Product Name** Cassia Gum  
**CAS Number** 11078-30-1

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
☎ (914) 654-6800 ☎ (914) 654-6899  
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EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**Classification (GHS-US)**

Combustible Dust

**GHS Label Elements**

**Pictograms:** N/A

**Signal word:** WARNING

**Hazard and precautionary statements**

**Hazard statements (GHS-US):** May form combustible dust concentrations in air

**Emergency Overview:** Non-hazardous under normal use

**Appearance:** Cream color, no odor, bland

**Primary Entry Routes:** Inhalation, ingestion, eye or skin contact.

**Acute Effects**

**Inhalation:** May cause irritation of the respiratory tract

**Eye:** May cause eye irritation.

**Skin:** May cause dryness and slight irritation

**Ingestion:** May cause gastrointestinal tract irritation

**Carcinogenic Effects:** N/A

**Mutagenic Effects:** N/A

**Teratogenic Effects:** N/A

**Developmental Toxicity:** Prolonged exposure is not known to aggravate medical conditions.

**HMIS Rating**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0



Section 3. Composition / Information on Ingredients

**Common Name** Cassia Gum  
**CAS Number** 11078-30-1

COMPONENT	CAS NUMBER	CONCENTRATION
Cassia Gum	11078-30-1	100%

Section 4. First Aid Measures

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

**Eye Contact:** Prolonged or repeated eye and skin contact may cause irritation. Flush eyes with water for 15 minutes.

**Skin Contact:** Wash with soap and plenty of water.

**Ingestion:** If victim is conscious and alert, give 2 - 4 cups of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention

**Always seek medical attention if irritation persists.**

**Note to Physicians:** Treat symptomatically and supportively.

Section 5. Firefighting Measures

**Flash Point:** N/A

**Burning Rate:** N/A

**Auto-ignition Temperature:** N/A

**UEL:** N/A

**LEL:** N/A

**Flammability Classification:** N/A

**Flammable Limits:** Non-Flammable Solid

**Extinguishing Media:** Use water, Carbon dioxide, or foam to extinguish fires.

**Unusual Fire or Explosion Hazards:** Powder has potential to form explosive mixture with air. Good housekeeping are required to minimize this potential.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

Conditions to Avoid: Fires, Sparks, Excessive heat, Will emit Acrid smoke, fumes when heated to decomposition.

**Firefighting Instructions/Equipment:** Wear self-contained breathing apparatus and full firefighting protective clothing. Floor will become very slippery when wet.

**NFPA Rating**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0



Section 6. Accidental Release Measures

**Spill /Leak Procedures:** Cleanup personnel should wear the necessary personal protective equipment to prevent skin or eye contact and dust inhalation.

**Small Spills:** Vacuum or sweep up material and place into a suitable disposal container.

**Large Spills:** Shovel material and place in waste disposal container.

**Cleanup:** Flush residues to drain with plenty of water. Area will be very slippery when water is used.

Section 7. Handling and Storage

**Handling Precautions:** Clean thoroughly after handling. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Keep away from heat, flame sparks and other ignition sources.

**Storage Requirements:** Store in a cool, dry, well-ventilated area away from sources of ignition

Section 8. Exposure Controls / Personal Protection

**Engineering Controls:** Use engineering methods to control hazards. This includes exhaust ventilation directly to the outside to airborne levels below recommended exposure limit.

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Administrative Controls**

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a OSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

**Protective Clothing/Equipment:** Wear chemically protective gloves, shoes, aprons, and clothes to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses. Dust mask.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.



Section 9. Physical and Chemical Properties

**Physical State:** Powder

**Appearance and Odor:** white/off white /powder - odorless

**Odor Threshold:** N/A

**pH:** 4 - 7

**Freezing/Melting Point:** N/A

**Boiling Point:** N/A

**Evaporation Rate:** N/A

**Flammability**

**LEL:** N/A

**UEL:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Relative Density:** N/A

**Solubility:** Soluble in water

**Partition coefficient:** N/A

**Auto-ignition temperature:** N/A

**Decomposition Temperature:** N/A

**Viscosity:** N/A

Section 10. Stability and Reactivity

**Chemical Stability:** Stable under normal conditions

**Conditions to Avoid:** Heat and sources of ignition

**Incompatibility:** Oxidizing materials

Section 11. Toxicological Information

**Routes of Entry:** Eyes, Skin, and Inhalation

**Acute Inhalation Effects:** Human, inhalation, TCLo: N/A

**Acute Oral Effects:** Rat, oral, LD50: > 5000 mg/kg

**Ingestion:** Irritation and burning sensations of mouth and throat, nausea, vomiting, and abdominal pain.

**Skin:** Redness and itching

**Chronic Effects:** No data available

**Mutagenicity:** No data available

**Teratogenicity:** No data available

**Component Carcinogenicity:** Not listed as carcinogenic by IARC, OSHA, NTP



**Eyes:** Redness, tearing itching, burning, conjunctivitis

**Inhalation:** Irritation of mucous membranes, coughing, wheezing, shortness of breath

Section 12. Ecological Information

**Ecotoxicity:** N/A

**Soil Absorption/Mobility:** N/A

**Environmental Degradation:** N/A

**Environmental Fate:** N/A

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**UN/NA #:** N/A

**Canada TDG:** Not regulated by TDG

**Shipping Name:** Not regulated

**Hazard Class:** N/A

**Packing Group:** N/A

**IMDG CODE:** This material is not regulated under the IMDG/IMO regulations

Section 15. Regulatory Information

**US Federal**

**General Information:** This material is approved by the FDA as a Food Additive

**TSCA:** All components are listed or exempt from TSCA Inventory.

**SARA**

This material is not listed under Section 302 (40 CFR 355 Appendix A), SARA Section 13 (40 CFR 372.65) Section 302 (TPQ)

**SARA Section 311/312 Hazard Categories:** Fire Hazard, Acute Health

**SARA Section 313:** None

**OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE:** This material can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Massachusetts.

**California Proposition 65:** This material is not a chemical known to the State of California to cause cancer or reproductive toxicity under the "Safe Drinking Water and Toxic Enforcement Act of 1986".

**Canadian Environmental Protection Act:** All of the components of this product are listed on the Canadian Domestic Substances List or exempt from notification requirements.



**European Inventory of Existing Commercial Chemical Substances (EINECS):** All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements.

**Japan MITI:** All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

**Australian Inventory of Chemical Substances:** All of the components of this product are listed on the AICS Inventory or exempt from notification requirements.

**Canadian WHMIS Classification:** Not controlled under WHMIS (Canada)

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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