



# Safety Data Sheet

This safety data sheet complies with the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product code** LBG  
**Product name** LOCUST BEAN GUM

**Issue date** 15-Jun-2023

**Revision date** 15-Jun-2023

**Version** 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

**Product name** LOCUST BEAN GUM

### Other means of identification

**Product code** LBG  
**Synonyms** None  
**Registration number(s)** E-410

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industry Use.  
**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Address**  
Phoenix, LLC.  
355 Chestnut Street  
Norwood, NJ 07648  
Phone: (201) 784-6100 Fax: (201) 784-8566

### Emergency telephone number

**Company Phone Number** Use CHEMTREC instead of Emergency Phone Number  
**Emergency telephone** Chemtrec 1-800-424-9300 Contract# CCN17256

## 2. Hazards Identification

### Classification

Combustible dust

### Label elements

### EMERGENCY OVERVIEW

#### Warning

May form combustible dust concentrations in air

**Appearance** Powder

**Physical state** Solid

**Odor** Characteristic odor

#### Precautionary Statements - Prevention

Do not breathe dusts or mists.

#### Precautionary Statements - Response

Get medical advice/attention if you feel unwell.

**Precautionary Statements - Storage**

Store in accordance with local regulations.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Hazards not otherwise classified (HNOC)**

**Other Information**

- May form combustible dust concentrations in air
- No information available

**3. Composition/information on Ingredients**

| Chemical name   | CAS No    | Weight-% |
|-----------------|-----------|----------|
| Locust Bean Gum | 9000-40-2 | 100      |

**4. First Aid Measures**

**Description of first aid measures**

|   |  |
|---|--|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.   |
| <b>Skin contact</b>   | Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.   |
| <b>Inhalation</b>   | Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.                            |
| <b>Ingestion</b>  | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary. |
| <b>Most important symptoms and effects, both acute and delayed</b>                |  |
| <b>Symptoms</b>   | No information available.  |
| <b>Indication of any immediate medical attention and special treatment needed</b> |  |
| <b>Note to physicians</b>   | Treat symptomatically.   |

**5. Fire-Fighting Measures**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

**Specific hazards arising from the chemical**

Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source, is a potential dust explosion hazard. Avoid creating dust.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to Mechanical Impact** Yes.

**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition

source is a potential dust explosion hazard.

**Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid creating dust.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Avoid creating dust. Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. Do not dry sweep dust. Wet dust with water before sweeping.

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling** Avoid generation of dust.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. Keep in a dry, cool and well-ventilated place.

**Incompatible materials** Strong acids. Strong oxidizing agents.

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Skin and Body Protection** Avoid contact with skin. Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be

required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

|                       |              |                       |                     |
|-----------------------|--------------|-----------------------|---------------------|
| <b>Physical state</b> | Solid        | <b>Odor</b>           | Characteristic odor |
| <b>Appearance</b>     | Powder       | <b>Odor threshold</b> | Not applicable      |
| <b>Color</b>          | White to Tan |                       |                     |

| <u>Property</u>                       | <u>Values</u>                     | <u>Remarks • Method</u> |
|---------------------------------------|-----------------------------------|-------------------------|
| <b>pH</b>                             | (1.0% aqueous solution): 5.4 to 7 |                         |
| <b>Melting point / freezing point</b> | Not applicable                    |                         |
| <b>Boiling point / boiling range</b>  | No data available                 |                         |
| <b>Flash Point</b>                    | > 90 °C / > 194 °F                | CC (closed cup)         |
| <b>Evaporation Rate</b>               | Not applicable                    |                         |
| <b>Flammability (solid, gas)</b>      | Not applicable                    |                         |
| <b>Flammability Limit in Air</b>      |                                   |                         |
| <b>Upper flammability limit:</b>      | Not applicable                    |                         |
| <b>Lower flammability limit:</b>      | Not applicable                    |                         |
| <b>Vapor pressure</b>                 | Not applicable                    |                         |
| <b>Vapor Density</b>                  | Not applicable                    |                         |
| <b>Specific gravity</b>               | Not applicable                    |                         |
| <b>Water solubility</b>               | Soluble in water                  | (70°C)                  |
| <b>Solubility in other solvents</b>   | Not applicable                    |                         |
| <b>Partition coefficient</b>          | Not applicable                    |                         |
| <b>Autoignition Temperature</b>       | Not applicable                    |                         |
| <b>Hyphen</b>                         | Not applicable                    |                         |
| <b>Kinematic viscosity</b>            | No data available                 |                         |
| <b>Dynamic viscosity</b>              | Not applicable                    |                         |
| <b>Explosive properties</b>           | Not applicable                    |                         |
| <b>Oxidizing properties</b>           | Not applicable                    |                         |

**Other information**

|                         |                        |
|-------------------------|------------------------|
| <b>Softening point</b>  | not applicable         |
| <b>Molecular weight</b> | Not applicable         |
| <b>VOC content</b>      | Not applicable         |
| <b>Density</b>          | Not applicable         |
| <b>Bulk Density</b>     | 0.62 g/cm <sup>2</sup> |

**10. Stability and Reactivity**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Dust formation. Heat, flames and sparks. Extremes of temperature and direct sunlight. Take precautionary measures against static discharges.

**Incompatible materials**

Strong acids. Strong oxidizing agents.

**Hazardous decomposition products**

None known based on information supplied.

**11. Toxicological Information**

**Information on likely routes of exposure**

**Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Inhalation of dust in high concentration may cause irritation of respiratory system. |
| <b>Eye Contact</b>  | Avoid contact with eyes.   |
| <b>Skin contact</b> | Avoid contact with skin.   |
| <b>Ingestion</b>    | No data available.   |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | Not expected to cause skin sensitization. |
| <b>Germ cell mutagenicity</b>   | Not classified.                           |
| <b>Carcinogenicity</b>          | No information available.                 |
| <b>Reproductive toxicity</b>    | None known.                               |
| <b>STOT - single exposure</b>   | Not classified.                           |
| <b>STOT - repeated exposure</b> | Not classified.                           |
| <b>Aspiration hazard</b>        | Not classified.                           |

**Numerical measures of toxicity - Product Information**

**ATEmix (oral)** >13,000 mg/kg

**12. Ecological Information**

**Ecotoxicity**

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**14. Transport Information**

**DOT** Not regulated

**15. Regulatory Information**

Regulatory information Please contact regulatory\_no@tilleydistribution.com.

**16. Other Information**

**Revision date** 15-Jun-2023

**Revision note**  
No information available

**Disclaimer**

**This material has not been tested or proven safe for inhalation. With this document, Tilley Distribution only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.**

**Classification and labeling according to the IFRA/IOFI Labeling Manual 2022.**

**End of Safety Data Sheet**

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | No  |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

