



MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: LOCUST BEAN GUM

Synonym: CAROB BEAN GUM

HS Code: 13023900

Recommended usage: Industrial Manufacturing.

SUPPLIER

Company: Sarda Bio Polymers Private Limited

Address: H1-105 to 108, 4th Phase, Industrial Area, Pali-marwar, 306401, Rajasthan, INDIA

In case of emergency contact:

SardaGums

INDIA: +91 2932 281252

International: +91 98290 20201

Section 2: Hazards Identification

GHS, Globally Harmonized System Classification in accordance with 29 CFR 1910 Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

Labeling Regulation EC 1272/2008 (CLP) & GHS

GHS Label Elements NONE

Signal Word: None

Hazards not otherwise classified (HNOC):

May causes mild skin irritation.

May causes mild eye irritation.

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.



P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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+313: If eye irritation persists get medical advice/attention.

Section 3: Composition and Information on Ingredients

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Section 4: First Aid Measures

Always seek medical advice after the first aid treatment.

Skin: Rinse with water. Soap may be used. Seek Medical Aid.

Eyes: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.

Seek Medical Aid.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Products of Combustion: Oxides of Carbon.

Fire Fighting Media and Instructions: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Wear self-contained breathing apparatus for firefighting if necessary.



Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to legal requirements.

Large Spill: Do not inhale vapors, mist, or gas. Avoid dust formation. Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV with local authorities.

Section 7: Handling and Storage

Precautions: Do not breathe dust. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid white to creamy powder or granules.

Odor: Bean like odor or nearly odorless

Specific Gravity: 1.3.

pH (5% soln/water): 5-8.

Solubility: Soluble in water.



Section 10: Stability and Reactivity Data

Stability: It is stable in room temperature in closed containers under normal storage & handling.

Conditions of instability: Incompatible materials, Moisture

Incompatibility with various substances: Avoid high temperatures, sparks, open flames and moisture. Avoid contact with strong oxidizing agents.

Polymerization: Will not occur.

Section 11: Toxicological Information

LD50 Oral - Rat - 6.770 mg/kg

LD50 Oral - mouse - 8100 mg/kg; Oral, rabbit:

Carcinogenic Effects: Not a reported carcinogen by IARC, NTP, ACGIH, OSHA.

Section 12: Ecological Information

Toxicity to fish: LC50 - Oncorhynchus mykiss (rainbow trout) - 218 mg/l - 96 h

BOD5 and COD: Not available.

Products of Biodegradation: The product itself and its products of degradation are slightly toxic.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

ADR/RID: Not dangerous goods



Section 15: Other Regulatory Information

USA Regulations:

TSCA: CAS# 9000-40-0 is listed on the TSCA inventory.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs: None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

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

California Prop 65: California No Significant Risk Level: None of the chemicals in this product are listed.

Canada:

WHMIS Hazard Class: This product has a WHMIS classification of D2B.

Canada - DSL/NDSL: CAS# 9000-40-0 is listed on Canada's DSL List.

EINECS EC Code: 232-541-5

Section 16 - Additional Information

Disclaimer:

The information and recommendations set forth herein are presented in good faith and believed correct as of the date 01-Apr-2021 the SDS was created. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements applicable. This SDS MSDS is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
