

Material Safety Data Sheet (MSDS)

Product Name: Gum Base [Bubble Gum]

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Gum Base [Bubble Gum]
- **Application:** Food additive used in chewing gum production.

2. Hazards Identification

- **Classification:** Non-hazardous substance.
- **Routes of Exposure:** Ingestion (intended for food use), skin, eyes.
- **Health Effects:** Not expected to be harmful under normal conditions of use.
- **Environmental Hazards:** Not classified as dangerous for the environment.

3. Composition / Information on Ingredients

Gum base is a **mixture** of food-grade substances, may contain:

- Natural or synthetic elastomers (e.g., polyisobutylene, butadiene-styrene copolymer)

- Natural gums and resins
- Waxes, fats, and emulsifiers
- Antioxidants and softeners

4. First Aid Measures

- **Inhalation:** Not applicable – solid product, no harmful vapors.
- **Skin Contact:** Wash with soap and water if irritation occurs.
- **Eye Contact:** Rinse thoroughly with water. Seek medical advice if irritation persists.
- **Ingestion:** Product is intended for consumption; no hazard expected.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂.
- **Special Hazards:** Combustion may release CO, CO₂, and hydrocarbons.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus.

6. Accidental Release Measures

- Collect spillage mechanically.
- Avoid creating dust.
- Dispose of according to local regulations.

7. Handling and Storage

- **Handling:** Use hygienic practices; avoid contamination.
- **Storage:** Store in a cool, dry place away from direct sunlight and strong odors.

8. Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** Not established.
- **Personal Protection:**

- Respiratory: Not required.
- Hands: Not required.
- Eyes: Safety glasses if handling bulk.
- Hygiene: Wash hands after handling.

9. Physical and Chemical Properties

- **Appearance:** Solid, rubbery mass or pellets.
- **Odor:** Neutral to slightly characteristic.
- **Solubility:** Insoluble in water.
- **Melting Point:** Variable depending on formulation.
- **Flash Point:** Not applicable.

10. Stability and Reactivity

- **Stability:** Stable under normal storage and handling.
- **Conditions to Avoid:** Excessive heat, open flames.
- **Incompatible Materials:** Strong oxidizers.
- **Hazardous Decomposition Products:** CO, CO₂, hydrocarbons.

11. Toxicological Information

- **Acute Toxicity:** Not toxic.
- **Skin Contact:** No known irritation.
- **Eye Contact:** May cause minor mechanical irritation.
- **Chronic Effects:** No known long-term hazards.

12. Ecological Information

- **Biodegradability:** Slowly biodegradable.
- **Bioaccumulation:** Not expected to bioaccumulate significantly.

- **Aquatic Toxicity:** Not expected to be toxic to aquatic organisms.

13. Disposal Considerations

- Dispose in accordance with local regulations.
- Not classified as hazardous waste.

14. Transport Information (Detailed)

- **UN Number:** Not applicable (product not classified as dangerous).
- **UN Proper Shipping Name:** Gum Base (Food Grade).
- **Transport Hazard Class:** Not classified as hazardous.
- **Packing Group:** Not applicable.
- **Environmental Hazards:** Not a marine pollutant.
- **Special Precautions for User:** No special requirements.
- **Transport in Bulk According to Annex II of MARPOL and the IBC Code:** Not regulated.

Mode-Specific Guidance:

- **Road (ADR/RID):** Not regulated; can be transported in standard packaging.
- **Sea (IMDG):** Not regulated; stow away from strong-smelling materials.
- **Air (IATA):** Not regulated; ensure packaging is sealed to avoid contamination.
- **Domestic Transport:** General food-grade handling standards apply.

15. Regulatory Information

- Complies with **Food Safety Standards** as per national and international guidelines.
- Not classified under any hazardous chemicals category.

16. Other Information

- **Disclaimer:** The information provided is based on current knowledge and is intended to describe the product with regard to safety requirements. It should not be construed as guaranteeing specific properties.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** www.rawpharmabiz.com
- MSDS are based on the manufacturer's provided information.