

CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Material Safety Data Sheet (MSDS)

Molasses

Revision Date: 23-September-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Molasses

• Chemical Formula: Mixture

• CAS No: N/A

• Synonyms: Cane molasses; Beet molasses

• **Recommended Use** Food ingredient, fermentation substrate, feed additive, industrial applications.

Section 2: Hazards Identification

- Classification (GHS): Not classified as hazardous under GHS.
- Signal Word: None
- Hazard Statements:



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- May cause mild eye or skin irritation on prolonged contact
- May cause discomfort if ingested in large amounts
- Precautionary Statements:
 - Wash thoroughly after handling
 - Avoid prolonged contact with eyes and skin
 - If In Eyes: Rinse with water if irritation occurs

Section 3: Composition / Information on Ingredients

• Concentration: Natural mixture of sucrose, glucose, fructose, water, minerals, and organic compounds

Section 4: First Aid Measures

- Inhalation: Not expected to be hazardous; move to fresh air if discomfort occurs.
- Skin Contact: Wash with water if sticky residue causes irritation.
- Eye Contact: Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.
- **Ingestion:** Non-toxic; ingestion of large amounts may cause gastrointestinal discomfort. Seek medical advice if needed.

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Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.
- **Specific Hazards:** Combustible at high temperatures; may produce carbon oxides when burned.
- **Protective Equipment:** Firefighters should wear standard protective clothing and breathing apparatus if large amounts are burning.

Section 6: Accidental Release Measures

- Personal Precautions: Use caution, surfaces may become slippery.
- Environmental Precautions: Prevent large spills from entering waterways to avoid oxygen depletion.
- **Cleanup Methods:** Wash away with water or absorb with inert material and dispose according to regulations.

Section 7: Handling and Storage

- Handling: Handle with standard food hygiene practices. Avoid prolonged skin contact.
- **Storage:** Store in tightly closed containers in a cool, dry place. Protect from microbial contamination.

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Section 8: Exposure Controls / Personal Protection

- Exposure Limits: Not established.
- Engineering Controls: Normal room ventilation is adequate.
- **Personal Protective Equipment:** Gloves and safety glasses recommended for industrial handling.

Section 9: Physical and Chemical Properties

- Appearance: Thick, dark brown viscous liquid
- Odor: Sweet, characteristic odor
- Boiling Point: >100 °C (due to water content)
- Flash Point: Not applicable
- Solubility: Completely soluble in water
- Molecular Weight: Not applicable (mixture)

Section 10: Stability and Reactivity

- **Stability:** Stable under normal conditions.
- Incompatible Materials: Strong oxidizing agents.
- Hazardous Decomposition Products: Carbon oxides under fire conditions.

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Section 11: Toxicological Information

- **Routes of Exposure:** Inhalation, ingestion, skin and eye contact.
- Acute Effects: Generally recognized as safe; large ingestion may cause gastrointestinal upset.
- Chronic Effects: No known significant effects.

Section 12: Ecological Information

- Ecotoxicity: Not expected to be harmful; large releases may cause oxygen depletion in water.
- Persistence and Degradability: Biodegradable.
- Bioaccumulative Potential: Not expected.

Section 13: Disposal Considerations

• Dispose of contents/container in accordance with local/regional/national regulations. Non-hazardous waste.

Section 14: Transport Information

• UN Number: Not regulated

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• Proper Shipping Name: Molasses

• Hazard Class: Not classified as dangerous goods

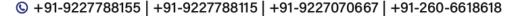
• Packing Group: Not applicable

Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and listed under international chemical inventories (TSCA, EINECS, etc.).
- Classified as hazardous substance as per GHS.

Section 16: Other Information

• **Disclaimer:** The above information is believed to be correct but does not claim to be exhaustive. Users are responsible for verifying suitability under actual conditions of use. **Triveni chemicals** disclaims any liability for damage resulting from handling or contact.



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