HIMALAYA TERPENES PVT. LTD.

201/5, Jogani Industrial Estate, VN Purav Marg, Chunabhatti Mumbai – 400022.
Tel: +91-22-35397805 Email: info@himalayaterpene.com

MATERIAL SAFETY DATA SHEET

Product Identifier

Product name: **ESTER GUM**

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

Additional identification

Chemical name: Resin acids and Rosin acids, esters with glycerol

Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Food additive., Feed additive., pharmaceutical intermediate Uses advised against: None known.

Details of the supplier of the safety data sheet Manufacturer / Supplier
M/s. Himalaya Terpenes Pvt. Ltd.
201/5, Jogani Industrial Estate, VN Purav Marg, Chunabhatti Mumbai – 400022.
Tel: +91-22-24056704/05 Fax: +91-22-24056700 Email: mum@himalayaterpene.com

Visit our website at www.himalayaterpene.com or email shishir@himalayaterpene.com

SECTION 2: Hazards identification:

Hazard Classification:

OSHA Specified Hazards:

Combustible dust: If converted to small particles during further processing, handling or by other means may form combustible dust concentrations in air.
Warning label items including precautionary statement: Signal Words: WARNING!
Hazard Statement(s): If converted to small particles during further processing, handling or by other means may form combustible dust concentrations in air.

Hazard(s) not otherwise classified (HNOC): None Known

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SECTION 3: Composition/information on ingredients

Chemical name: glycerol ester of rosin.

Concentration: 100%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in Percent by volume. # This substance has workplace exposure limit(s).

SECTION 4: First aid measures:

Description of first aid measures

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eye contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist. If molten material contacts the eye, immediately flush with plenty of water for at least 15minutes. Get medical attention immediately.

Skin contact: Wash with soap and water. Get medical attention if symptoms occur. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Get medical attention.

Ingestion: Seek medical advice.

SECTION 5: Fire fighting measures:

General Fire Hazards: Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.

Extinguishing media:

Suitable extinguishing media: Water spray. Dry chemical. Carbon Dioxide.

Unsuitable extinguishing media: None Known.

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment.

Environmental Precautions: Not regarded as dangerous for the environment.

Methods and material for containment and cleaning up: Sweep up and place in a clearly labeled container for chemical waste.

Notification Procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 7: Handling and storage:

Precautions for safe handling: Avoid contact with molten material. Minimize dust generation and accumulation.

Specific end use(s): Food additive. Feed additive. Pharmaceutical intermediate

SECTION 8: Exposure controls/personal protection:

Individual protection measures, such as personal protective equipment
General information: Eye bath. Washing facilities.

Eye/face protection: it is a good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.

Skin protection Hand Protection: It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.

Other: No data available.

Hygiene measures: Observe good industrial hygiene practices.

SECTION 9: Physical and chemical properties:

Information on basic physical and chemical properties Appearance

Physical state: solid

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Form: solid

Color: Yellow

Odor: Aromatic, Characteristic

Odor Threshold: No data available

pH: No data available

Melting Point: 87°C

Boiling Point: 228 °C decomposes

Flash Point: 228 °C decomposes

Evaporation Rate: Not Determined

Flammability (solid, gas): No data available.

Flammability Limit - Upper (%)–: No data available.

Flammability Limit - Lower (%)–: No data available.

Vapor pressure: <4Pa(20°C)

SECTION 10: Stability and reactivity:

Reactivity: None known

Chemical Stability: Stable

Possibility of Hazardous R e a c t i o n s: None known.

Conditions to Avoid: None at ambient temperatures

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon Monoxide. Carbon Dioxide**...**

SECTION 11: Toxicological information:

Information on likely routes of exposure Inhalation: None known.

Ingestion: None known.

Skin contact: Molten material will produce thermal burns.

Eye contact: Molten material will produce thermal burns.

Information on toxicological effects

Oral Product: No data available.

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Dermal Product: No data available.

SECTION 12 : Ecological Information:

Ester Gum is fully biodegradable and the products of degradation are more toxic.

SECTION 13: Disposal considerations:

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information:

DOT Class not regulated

No special requirements and no restrictions on transportation by land, sea or air.

SECTION 15: Regulatory Information:

Classification: Classified as Non hazardous according to state regulations.

Section 16: Other Information:

The information contained herein is based upon data considered to be accurate.
However, no warranty is expressed or implied regarding the accuracy of these data.
The user of this product must decide what safety measures are necessary to safely use thisproduct, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

Issue Date: 01.04.2021

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