HIMALAYA TERPENES PVT. LTD.
201/5, Jogani Industrial Estate, V.N. Purav Marg, Chunabhatti Mumbai – 400022.
Tel: +91-22-24056704/05 Fax: +91-22-24056700 Email: mum@himalayaterpene.com

MATERIAL SAFETY DATA SHEET

Name : ESTERGUM

Company Identification : Himalaya Terpenes Pvt Ltd
201, Jogani Industrial Estate,
Bldg No. 5 , V N Purav Marg , Chunabatti,
Mumbai – 400 022.

For information call : 022-24056704/05
For emergencies call : 022-24056704/05

**** COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS #	Chemical Name	%	EINECS #
8050-90-7	GLYCEROL ESTER OF ROSIN	100.0	232-475-7

Hazard Symbols : XI
Risk Phrases : 43

**** HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance : Pale Yellow Solid Lumps
Warning ! May cause allergic skin reaction. The toxicological Properties of this material have not been fully investigated.
Sensitizer : May cause eye and skin irritation. May cause respiratory and digestive tract irritation.
Target Organs : None Known.

Potential Health Effects

Eye :

May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin :

May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. The toxicological properties of this material have not been fully investigated.

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Ingestion : May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation :

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic :

No information found.

**** FIRST AID MEASURE ****

Eyes :

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin :

Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion :

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation :

Remove from exposure to fresh air immediately. If not breating give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician :

Treat symptomatically.

**** FIRE FIGHTING MEASURES ****

Extinguishing Media :

In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.

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**** HANDLING and STORAGE ****

Handling :

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimum dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage :

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

*** EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls :

Use adequate ventilation to keep airborne concentration low.

Personal Protective Equipment :

Eyes :Wear appropriate protective eyeglasses or chemical safety goggles

Skin:Wear appropriate protective gloves to prevent skin exposure.

Clothing :

Wear appropriate protective clothing to prevent skin exposure.

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**** PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State	: Solid
Appearance	: Yellow Solid Lumps
Odour	: Almost no odour
Viscosity	: 0.8 to 1 poise (60% in spirit)
Boiling Point	: 180^0 C
Melting Point	: 80 to 91^0 C
Flash point	: Not available
NFPA Rating	: (est.) Health : 2, Flammability : 0, Reactivity : 0
Explosion Limits, Lower	: Not available
Upper	: Not available
Solubility	: Completely soluble in aromatic & aliphatic Hydrocarbons, Turpentine CCL_4, Ketones and Esters. Insoluble in water.
Specific Gravity/Density	: 1.08 +/- 0.01
Molecular Formula	: C63H92O6
Molecular Weight	: 944.0