HIMALAYA TERPENES PVT. LTD.

201/5, Jogani Industrial Complex ,V.N. Purav Marg, Sion-Chunabhatti (E) Mumbai – 400022
CIN : U24100MH1999PTC121377 Tel: +91-22-35397805 Email: info@himalayaterpene.com

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 01.01.2024

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

1.1 Product identifier

Product :	Terpineol
CAS :	8000-41-7 / 98-55-5
EC Number :	202-680-6

1.2 Relevant identified uses of the substance or mixture

RECOMMENDED USE Flavorings, Perfumes, Disinfectant Etc.

1.3 Details of the supplier of the safety data sheet

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Emergency telephone number

Telephone	:	Tel :+91-22-24056704/05
Emergency Phone #	:	+91-8108239393

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008
Skin corrosion/irritation, Hazard Category 2; H315
Serious eye damage/eye irritation, Hazard Category 2; H319.

2.2 Label elements

EC Number: 202-680-6
Terpineol



Signal word: Warning
Hazard Statements:
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statements:

P280:	Wear protective gloves/eye protection/face protection.
P302+P352:	IF ON SKIN: Wash with plenty of water.
P305+P351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313:	If skin irritation occurs: Get medical advice/attention.
P337+P313:	If eye irritation persists: Get medical advice/attention.
P362+P364:	Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Results of PBT and vPvB assessment
The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 % (w/w).

Environmental endocrine disrupting properties.

The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

Human health endocrine disrupting properties.

The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Identity :	Terpineol
Molecular Formula :	C10H18O
CAS No. :	8000-41-7 / 98-55-5
EC No. :	232-268-1 / 202-680

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Keep the person at rest. Do NOT induce vomiting.
Eye contact:	Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed:
Irritating to skin or mucous membranes (inflammation). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.
Causes serious eye irritation.
Read label before use. No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed
Not available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
Carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture
Not applicable.

5.3 Advice for firefighters
In case of fire in the surrounding area, follow the recommendations below:
1-Closed containers may build up pressure at elevated temperatures.
2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
3-Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear appropriate gloves to prevent skin exposure.
Avoid breathing vapours. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.
Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions
Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Ventilate area and wash spill site after material pickup is complete.
Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections
See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep away from food, drink and animal feedingstuffs. Do not smoke.
Avoid contact with skin and eyes.
Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities
Keep the product in its original container well sealed,in a dry and ventilated area,away from potential sources of ignition and protected from light.Store in accordance with local/national regulations and follow the warnings on the label.
Keep away from incompatible substances (see section 10).

7.3 Specific end use(s)
Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Declaration of substances is not required.

8.2 Exposure controls

Personal protection equipment:	Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.
Engineering Controls-Ventilation:	The areas where the product is handled and stored should be adequately ventilated.
Respiratory Protection:	Use personal breathing apparatus whenever deemed necessary.
Skin Protection:	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	LIQUID
Colour:	COLORLESS
Odour:	Sweet Lilac Odour
Odour threshold:	Not determined
pH value:	Not determined
Refractive Index:	1.480-1.490 @ 20 °C
Melting point:	31 °C
Boiling point:	217 °C
Flash point:	89.4 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Density:	0.920 - 0.950 g/cm³ (25 °C)
Water solubility:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	Not determined
Kinematic viscosity:	Not determined
Oxidising properties:	Not available.
Explosive properties:	Not available.
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined

9.2 Other information

Additional information: Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Not available.

10.2 Chemical stability
Stable under normal operating conditions.

10.3 Possibility of hazardous reactions

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid
Heat, flames and other sources of ignition.
Handle in accordance with good industrial hygiene and safety practice.

10.5 Incompatible materials
Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

10.6 Hazardous decomposition products
Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: TOXOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity (LD50):	Non toxic
Acute dermal toxicity (LD50):	Non toxic
Acute Inhalation toxicity (LC50 Gas):	Non toxic
Acute Inhalation toxicity (LC50 Dusts and Mists):	Non toxic
Acute Inhalation toxicity (LC50 Vapours):	Non toxic

See also sections 2 and 3.

11.2 Information on other hazards:
Endocrine disrupting properties.:
The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute aquatic toxicity:	Not determined
Chronic aquatic toxicity:	Not determined

See also sections 2 and 3.

12.2 Biodegradation:
>60%, 28 days

12.3 Bioaccumulative potential:
Not determined

12.4 Mobility in soil:
Not available.

12.5 Results of PBT and vPvB assessment:
The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 % (w/w).

12.6 Endocrine disrupting properties.:

The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

12.7 Other adverse effects:
Not available.
Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Container disposal:	Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.
Disposal conditions:	Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

International Carriage of Dangerous Goods by Road (ADR)

14.1 UN No.:	Not applicable
14.2 Proper Shipping Name:	Not subject to ADR.
14.3 Class:	-
14.4 Packing Group:	-
14.6 Special precautions for user:	
Tunnel restriction code:	-
Label:	-

Sea Transport (IMDG)

14.1 UN No.:	Not applicable
14.2 Proper Shipping Name:	Not restricted.
14.3 Class:	-
14.4 Packing Group:	-
14.5 Marine Pollutant:	No
14.6 Special precautions for user:	
IMDG-Code segregation group:	-
EmS:	
Label:	-

Air Transport (ICAO/IATA)

14.1 UN No.:	Not applicable
14.2 Proper Shipping Name:	Not restricted.
14.3 Class:	-
14.4 Packing Group:	-
14.6 Special precautions for user:	
Passenger aircraft:	ACCEPTED
Cargo aircraft:	ACCEPTED

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Substances of very high concern:
Not available.

15.2 Chemical safety assessment
Not available.

SECTION 16: OTHER INFORMATION

This material should only be used for industrial purposes.
Full text of classifications (CLP/GHS):

Skin Irrit. 2; H315	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2; H319	Serious eye damage/eye irritation, Hazard Category 2

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

Reason for Change: No reason (reprint).

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