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

TERPINYL ACETATE

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	**TERPINYL ACETATE**
Product Use Description:	Fragrance Ingredient
Company:	**M/s. Himalaya Terpenes Pvt. Ltd.**
Tel. No.	**+91-22-24056704/05**

2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Skin irritation (Category 2)
Eye irritation (Category 2)
Classification according to EU Directives 67/548/EEC or 1999/45/EC
Irritating to eyes and skin.
2.2 Label elements
Labelling according Regulation (EC) No 1272/2008 [CLP]

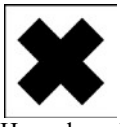


Pictogram
Signal word Warning
Hazard statement(s)
H315 Causes skin irritation.
H319 Causes serious eye irritation.
Precautionary statement(s)
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard
Statements
None

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According to European Directive 67/548/EEC as amended



Hazard symbol(s)
R-phrase(s)
R36/38 Irritating to eyes and skin.
S-phrase(s)
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36 Wear suitable protective clothing.
2.3 Other hazards - none
Emergency Overview
OSHA Hazards
Flammable Liquid, Irritant
HMIS Classification
Health Hazard: 2
Flammability: 3
Physical hazards: 0
NFPA Rating
Health Hazard: 2

Fire: 3
Reactivity Hazard: 0
Potential Health Effects
Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

CHEMICAL INFORMATION: 2-(4-methyl-1-cyclohex-3-enyl)propan-2-yl acetate
-Cyclohexene-1-methanol, alpha,alpha,4-trimethyl-, acetate
4-06-00-00253 (Beilstein Handbook Reference) ,AI3-00522 ,BRN 3198769
Terpinyl acetate (natural) ,UNII-9RXE0I9F2J
alpha,alpha,4-Trimethyl-3-cyclohexene-1-methyl acetate ,alpha-Terpineol, acetate
alpha-Terpinyl acetate ,p-Menth-1-en-8-ol, acetate ,p-Menth-1-en-8-yl acetate
(1)-alpha,alpha,4-Trimethylcyclohex-3-ene-1-methyl acetate
3-Cyclohexene-1-methanol, alpha,alpha,4-trimethyl-, 1-acetate
3-Cyclohexene-1-methanol, alpha,alpha,4-trimethyl-, acetate ,p-Menth-1-en-8-yl acetate
Terpinyl acetate ,alpha-Terpineol acetate ,p-Menth-1-en-8-ol, acetate,lindenyl acetate
1-methyl-1-(4-methyl cyclohex-3-enyl) ethyl ethanoate,
1-methyl-1-(4-methylcyclohex-3- enyl)ethyl ethanoate
2-(4-methyl-1-cyclohex-3-enyl)propan-2-yl acetate,(±)-alpha-terpinyl acetate
(±)-alpha,alpha,4-trimethyl cyclohex-3-ene-1-methyl acetate,a-Terpinyl ethanoate
CAS: 80-26-2
EINECS: 201-265-7
FEMA: 3047

MOLECULAR FORMULA: C12 H20 O2
MOLECULAR WEIGHT: 196.29
CoE: - 205
HARMONIZES NO: - 2915 39 6000

4. FIRST AID MEASURES.

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.Continue rinsing eyes during transport to hospital.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

5. FIRE-FIGHTING MEASURES:

Flammable properties
Ignition temperature no data available
Suitable extinguishing media
For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.
Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
Environmental precautions
Do not let product enter drains.
Methods for cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE.

Handling:
Apply according to good manufacturing and industrial hygiene practices.

Respect good personal hygiene practices. Do not drink, eat or smoke during manipulation.
Storage:
Store according to the local and/or national storage rules, respecting the precautions printed on The labels. Store in hermetic recipients, belter full, in cool, dry and ventilated areas away from

Heat sources and protected from light. Keep air contact to a minimum. Keep away from sources of ignition and flames
Fulfil the chemical agent storage regulation.
Do not store this product near any kind of food, or drinkable water. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

Exposure limit values Contains no substances with occupational exposure limit values
Exposure limit biological :
Exposure controls :
Occupational exposure controls
Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components, tested and approved under appropriate government standards
Hand protection: Use chemical resistant gloves
Eye protection: Use safety glasses &Face shield
Skin protection: Avoid skin contact &Choose body protection according to the amount and concentration of the dangerous substance at the work place
Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES.

General information:
Appearance: clear vscousi liquid
Odour: Mildly herbaceous, sweet ,spicy refreshing odour of bergamot lavender lime citrus
Important health, safety and environment information:
PH: No data available
Boiling point: 220ºC
Melting Point: No data
Flash point: >100ºC
Relative vapor density 5.3
Vapor pressure: 0.0390 mm/Hg @ 25.00 °C. (est)
Relative density: 0.952
Solubility: SOLUBLE IN ORGANIC SOLVENTS
Water solubility: No data
Partion coeff. (N-octanol/water): 3.74
Viscosity: No data)

Saturation Concentration No data
Vaporization number No data
Critical temperature No data
Lower explosion limit No data V)
Upper explosion limit No data
Critical pressure No data
Surface tension No data
Refractive index 1,4630 - 1,4670
Dielectric constant No data
Heat of vaporization No data
Heat of combustion No data

10. STABILITY AND REACTIVITY.

Chemical stability
Stable under recommended storage conditions.
Possibility of hazardous reactions
no data available
Conditions to avoid
no data available
Materials to avoid
Strong oxidizing agents
Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION.

Acute toxicity
LD50 Oral - Rat - >5075 mg/kg
LD50 Dermal Rabbit No data
Other information on acute toxicity
no data available
Skin corrosion/irritation
Skin - rabbit - No data
Serious eye damage/eye irritation
no data available
Respiratory or skin sensitization
no data available
Germ cell mutagenicity
no data available
IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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Reproductive toxicity
no data available
Teratogenicity
no data available
Specific target organ toxicity - single exposure (Globally Harmonized System)
Inhalation - May cause respiratory irrigation
Specific target organ toxicity - repeated exposure (Globally Harmonized System)
no data available
Aspiration hazard
no data available
Potential health effects
Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion Harmful if swallowed.
Skin Harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Signs and Symptoms of Exposure
no data available
Synergistic effects
no data available
Additional Information
RTECS: OT0200000

12. ECOLOGICAL INFORMATION.

Toxicity
no data available
Persistence and degradability
no data available
Bioaccumulative potential
no data available
Mobility in soil
no data available
PBT and vPvB assessment
no data available
Other adverse effects
no data available

13. DISPOSAL CONSIDERATIONS.

Product
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal
service to dispose of this material.
Contaminated packaging
Dispose of as unused product..

14. TRANSPORT INFORMATION.

DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA

HIMALAYA TERPENES PVT. LTD.

Not dangerous goods

15. REGULATORY INFORMATION.

OSHA Hazards
Flammable Liquid
DSL Status
All components of this product are on the Canadian DSL list.
SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold

(De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Fire Hazard,
Massachusetts Right To Know Components
Terpinyl acetate. CAS-No. 80-26-2
Pennsylvania Right To Know Components
Terpinyl acetate. CAS-No. 80-26-2
New Jersey Right to Know Components
Terpinyl acetate. CAS-No. 80-26-2
California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
HAZARD SYMBOLS:
Labelling Xi



Irritant
R PHRASES:
R 36/38 - Irritating to eyes, and skin..
S PHRASES:
S- 2 Keep out of the reach of children
S 24/25 - Avoid contact with skin and eyes.
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36 - Wear suitable protective clothing.

16. OTHER INFORMATION.

The information contained in the present SDS, according to regulation, is based on our knowledge and experience at the moment of publishing it. This document tries to give information about the correct use, storage and transport.

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Bearing in mind that the use of this information and the conditions of use of the product are not under control

Himalaya Terpenes Pvt. Ltd. provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the

material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.

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