

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**
Fax No. **(022) 2405 6700**

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)

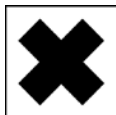
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard

Statements

None

According to European Directive 67/548/EEC as amended



Hazard symbol(s)

R-phrases(s)

R36/38 Irritating to eyes and skin.

S-phrases(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 viscous 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: 220°C

Melting Point: No data

Flash point: >100°C

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

Partition 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.

Reproductive toxicity

no data available

Teratogenicity

no data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

Inhalation - May cause respiratory irritation

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

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.

201/5, Jogani Industrial Estate, VN Purav Marg, Chunabhatti Mumbai – 400022.

Tel: +91-22-24056704/05 Fax: +91-22-24056700 Email: mum@himalayaterpene.com

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.

HIMALAYA TERPENES PVT. LTD.