

Material Safety Data Sheet Pennyroyal Oil

SECTION 1.1 – PRODUCT IDENTIFICATION

Product Name : Pennyroyal Oil
CAS No. : 8013-99-8

SECTION: 1.2 COMPANY IDENTIFICATION

Company Name: Indenta Chemicals (India) Pvt. Ltd.

Address: 117, The Summit Business Bay, Opp Cinemax, Off. Sir M.V. Road, Near WEH Metro Station, Andheri (E), Mumbai 400 093, India

Telephone #: +91-22-49632669

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Pennyroyal Oil	8013-99-8	100

Toxicological Data on Ingredients: No Data Available

SECTION 3: HAZARD IDENTIFICATION

Routes of Entry

Skin - Hazardous in case of skin contact (irritant),

Eye - of eye contact (irritant),

Inhalation - of inhalation. Slightly hazardous in case of ingestion.

- Inflammation of the eye is characterized by redness, watering, and itching.
- Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

SECTION 4: FIRST AID MEASURES

4.1 Description of first-aid measures

If inhaled

Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

In case of skin contact

Remove contaminated clothing. Wash with soap and flush with plenty of water. Cover affected skin with an emollient. Seek medical attention if irritation persists.

In case of eye contact

Remove contact lenses if applicable. Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention.

Indenta Chemicals (India) Pvt. Ltd.

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Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302

If swallowed

Contact poison control center or seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 3.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing media

Suitable extinguishing media

Dry Chemical, Carbon Dioxide, Foam

5.2 Special hazards arising from the substance or mixture

CO, CO₂, smoke and unidentified organic compounds may be formed during combustion.

5.3 Advice for firefighters

Fire fighters should wear positive pressure self-contained breathing apparatus. Cool containers exposed to flame with water spray. Spray extinguishing media directly into base of fire.

5.4 Further information

No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid ingestion or contact with skin and eyes.

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.

Wear eye protection, gloves and aprons. Ventilate area well.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Eliminate all sources of ignition

Ventilate area

Prevent liquid from entering sewers

Small spills can be wiped up with paper rags (place in closed metal waste container)

Large spills can be absorbed onto non-flammable absorbent.

Wash area with soap and water.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid ingestion or contact with skin and eyes.

Follow good industrial practice as to housekeeping, personal

hygiene and avoidance of prolonged or repeated contact with the skin or eyes.

Wear eye protection, gloves and aprons. Ventilate area well.

For precautions see section 3.2.

7.2 Conditions for safe storage, including any incompatibilities

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool (below 35°C), well-ventilated place. Ground all equipment containing material. Keep container dry.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Work Practice Controls

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

Personal protective equipment

Eye/face protection

OSHA approved safety glasses

Skin protection

Wear chemical resistant gloves and clothing to avoid skin contact

Respiratory protection

Avoid casual breathing of vapors

Ventilation

Local, mechanical exhaust in recommended (explosion proof)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|--|------------------------------------|
| a) Appearance | Form: liquid, oil
Color: Yellow |
| b) Odor | Characteristic, mint-like |
| c) Odor Threshold | No data available |
| d) pH | No data available |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point | |

and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid,gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	Insoluble
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Avoid contact with sparks, flame and heat.

10.5 Incompatible materials

Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers.

10.6 Hazardous decomposition productsHazardous decomposition products formed under fire conditions. - CO, CO₂, smoke and unidentified organic compounds may be formed during combustion.

Other decomposition products - No data available

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects**Acute toxicity**LD₅₀ Oral Rat: 400 mg/kgLD₅₀ Dermal Rabbit: 4.2 g/kg**Chronic Effects on Humans**

No Information

Other Toxic Effects on Humans

Hazardous in case of skin contact (irritant), eye contact (irritant) of inhalation.

Slightly hazardous in case of ingestion.

XN: Ingestion of .25-1.0 oz may cause nausea

Special Remarks on Toxicity to Animals

Not available

Special Remarks on Chronic Effects on Humans

Not available

Special Remarks on other Toxic Effects on Humans

Acute Potential Health Effects

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May cause nausea.

Inhalation: Inhalation of mist or vapor may cause respiratory tract irritation.

The toxicological properties of this substance have not been fully investigated.

Listed as a Carcinoge : No

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of according to local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

Federal and State Regulations:

TSCA 8(b) inventory:

Other Regulations:**WHMIS (Canada):****DSCL (EEC):**

R36/38: Irritating to eyes and skin.

S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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