

## Material Safety Data Sheet Pennyroyal Oil

### SECTION 1.1 – PRODUCT IDENTIFICATION

**Product Name** : Pennyroyal Oil  
**Molecular Formula** : Not applicable  
**Molecular Weight** : Not applicable  
**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

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### 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

#### Eyes

#### Skin

#### Inhalation

#### Ingestion

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

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

### 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

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



15 minutes. Get medical attention.

**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

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**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, CO<sub>2</sub>, 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

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**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.

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**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**

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### **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**

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### **9.1 Information on basic physical and chemical properties**

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

<b>f) Initial boiling point and boiling range</b>	No data available
<b>g) Flash point</b>	No data available
<b>h) Evaporation rate</b>	No data available
<b>i) Flammability (solid,gas)</b>	No data available
<b>j) Upper/lower flammability or explosive limits</b>	No data available
<b>k) Vapor pressure</b>	No data available
<b>l) Vapor density</b>	No data available
<b>m) Relative density</b>	No data available
<b>n) Water solubility</b>	Insoluble
<b>o) Partition coefficient: n-octanol/water</b>	No data available
<b>p) Autoignition temperature</b>	No data available
<b>q) Decomposition temperature</b>	No data available
<b>r) Viscosity</b>	No data available
<b>s) Explosive properties</b>	No data available
<b>t) Oxidizing properties</b>	No data available
<b>9.2 Other safety information</b>	No data available

## SECTION 10: STABILITY AND REACTIVITY

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### 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 products

Hazardous decomposition products formed under fire conditions. - CO, CO<sub>2</sub>, 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

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### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral Rat: 400 mg/kg

LD50 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**

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**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**

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**13.1 Waste treatment methods**

Dispose of according to local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

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**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**

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**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**

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