

## Material Safety Data Sheet Angelica root oil

### SECTION 1.1 – PRODUCT IDENTIFICATION

**Product Name** : Angelica root oil  
**CAS No.** : 8015-64-3

### 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 #:** +91-22-26849600

**Fax #:** +91-22-26849060

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Angelica root oil	8015-64-3	100

### SECTION 3: HAZARD IDENTIFICATION

**Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008:**

Flammable liquids (Category 3), H226

Respiratory sensitisation (Category 1), H334

Aspiration hazard (Category 1), H304

**GHS-US Labelling:** Labelling according Regulation (EC) No 1272/2008/



**Pictogram:**

### Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.  
Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: indenta@indenta.com | Website : www.indenta.com

Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

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

**Signal word (GHS-US)** : Danger

**Hazard statements (GHS-US)** : H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Precautionary statements (GHS-US)** : P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

**Supplemental Hazard Statements:** None

**Other hazards:** None.

#### **SECTION 4: FIRST AID MEASURES**

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**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**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:** Flush eyes with water as a precaution.

**If swallowed:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in the labeling.

**Indication of any immediate medical attention and special treatment needed:** No data available

#### **SECTION 5: FIRE FIGHTING MEASURES**

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**Extinguishing media:**

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Nature of decomposition products not known.

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** Use water spray to cool unopened containers.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

**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.

**Methods and materials for containment and cleaning up:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

**Reference to other sections:** For disposal see section 13..

#### **SECTION 7: HANDLING AND STORAGE**

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**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

**Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable Liquids

**Specific end use(s):** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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### Control parameters: Exposure controls:

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment: Eye/face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection:** Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Liquid
Appearance	Liquid
Color	Pale Yellow to orange Brown coloured liquid
Odor	Peppery top note somewhat like Herbaceous-Earthy woody Body of Unique Tenacity.
Odour threshold	No data available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	43°C
Evaporation rate	No data available
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Relative vapour density at 20 °C	Not available.
Relative density	Not available.
Density	0.853 g/cm <sup>3</sup> @25°C
Water solubility	Not available.
Partition coefficient: noctanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

**Other Information:** No additional information available.

## SECTION 10: STABILITY AND REACTIVITY

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**Reactivity:** No data available.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available.

**Conditions to avoid:** Heat, flames and sparks.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous Decomposition products.:** Other decomposition products - No data available Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

## SECTION 11: Toxicological Information

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**Acute toxicity :** No data available Angelica root oil

**Skin corrosion/irritation :** Not data available

**Serious eye damage/irritation :** Not data available

**Respiratory or skin sensitisation :** Not classified

**Germ cell mutagenicity :** Not classified

**Carcinogenicity :** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity :** Not classified

**Specific target organ toxicity (single exposure) :** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Aspiration hazard :** Not classified.

## SECTION 12: ECOLOGICAL INFORMATION

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**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects:** Toxic to aquatic life..

## SECTION 13: Disposal Considerations

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**Waste treatment methods: Product:** Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## SECTION 14: TRANSPORT INFORMATION

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**UN number:**

**ADR/RID:** - 1993

**IMDG:** - 1993

**IATA:** - 1993

**UN proper shipping name:**

**ADR/RID:** FLAMMABLE LIQUID, N.O.S. (Angelica root oil)

**IMDG:** FLAMMABLE LIQUID, N.O.S. (Angelica root oil)

**IATA:** Flammable liquid, n.o.s. (Angelica root oil)

**Transport hazard class(es):**

**ADR/RID:** - 3

**IMDG:** - 3

**IATA:** - 3

**PACKING GROUP:**

**ADR/RID:** - III

**IMDG:** - III

**IATA:** - III

**ENVIRONMENTAL HAZARDS:**

**ADR/RID:** no

**IMDG Marine pollutant:** no

**IATA:** no

**Special precautions for user:** Not data available

## SECTION 15: OTHER REGULATORY INFORMATION

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**Safety, health and environmental regulations/legislation specific for the substance or mixture:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical safety assessment:** For this product a chemical safety assessment was not carried out

## SECTION 16: ADDITIONAL INFORMATION

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This information is provided for documentation purposes only.

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