



MATERIAL SAFETY DATASHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Angelica Archangelica L.				
Biological Definition	Angelica Archangelica Root Oil is the volatile oil obtained from the roots of the Holy Ghost, Angelica archangelica L., Umbelliferae. It contains mainly D-alpha-phellandrene and cyclopentadecalactone.				
INCI Name	Angelica Archangelica Root Oil				
Synonyms & Trade Names	---				
CAS-No	84775-41-7/ 8015-64-3	EC No.	283-871-1	EINECS No.	N/A

1.2 Relative identified uses of the substance or mixture and uses advised against

Industrial uses. Formulation [mixing] of preparations. Uses advised against: Other uses than those recommended.

1.3 Details of the supplier of the safety data sheet

VENKATRAMNA INDUSTRIES, Talaya Chauki, Kannauj-209725, (UP) INDIA

1.4 Emergency Tel. No.

+91-9554075786

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.

Sensitization — Skin, Hazard Category 1; H317.

2.2 Label Elements

Signal Word

Warning



Hazard Statements

H317: May cause an allergic skin reaction.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273: Avoid release to the environment.
 P280: Wear protective gloves.
 P302+P352: IF ON SKIN: Wash with plenty of water.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.

Supplementary Precautionary Statements

2.3 Other Hazards

No additional data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Kind of product: Huile Essential Oil, Natural Complex substance (NCS, 100% pure and natural).

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.
Ingestion	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Skin Contact	Remove contaminated clothes. Rinse skin with water/shower. In case of skin irritation, consult a physician.
Eye Contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions (such as skin rashes, hives, asthma or anaphylactic shock), Aspiration hazard.
 Eye contact: May cause eye irritation and corneal damage if not immediately rinsed out.
 Skin Contact: Repeated contact may cause allergic dermatitis.
 Inhalation: Breathing high concentrations of vapor may cause anesthetic effects.
 Ingestion: Do Not Induce vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet

5.2 Special hazards arising from the product

None known

5.3 Advice for firefighters

Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.


6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
	Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.
6.2 Environmental Precautions	
	Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it. Explosive properties.
6.3 Methods and material for containment and cleaning up.	
	Wear gloves, collect spills with an absorbent material and clean up with a detergent. Do not use any solvents. Hand over all used materials to waste removal. Dispose of in accordance with current laws and regulations.
6.4 Reference to other sections	
	See also sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	
	Provision of sufficient ventilation. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.
7.2 Conditions for safe storage, including any incompatibilities	
	Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.
7.3 Specific end use(s)	
	No additional data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
Declaration of substances is not required	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	Chemical resistant gloves (PVC)
Eye Protection	Wear approved safety goggles.

Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorized companies.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Viscous Liquid
Colour	Yellowish Brown
Odour	Woody Earthy
Relative Density	No additional data available
Flash Point (°C)	≥ 43°C
Refractive Index	1.425 - 1.470 (20 °C)
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Risk of ignition, In case of warming: Vapours can form explosive mixtures with air.	
10.2 Chemical stability	
Stable under normal operating conditions.	
10.3 Possible hazardous reactions	
Violent reaction with: Strong oxidiser	
10.4 Conditions to Avoid	
Do not heat to temperatures of more than 150°C.No special precautions other than good housekeeping of chemicals.	
10.5 Incompatible materials	
No additional data available.	
10.6 Hazardous Decomposition Products	
Carbon monoxide and other unidentified organic compounds may be formed upon combustion.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008
Skin corrosion / irritation	May be irritating to skin
Serious eye damage / irritation	May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage.
Respiratory or skin sensitization	Breathing high concentrations of vapor may cause anesthetic effects.
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not listed as reprotoxic
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	Not Specified
Photo-toxicity	Not listed as photo-toxic
Other Information	No additional data available
11.2 Information on the likely routes of exposure	
Skin/scalp contact.	
11.3 Symptoms related to the physical, chemical, and toxicological characteristics	
None known. Irritation of the eye if exposed. Redness of the skin if irritated	
11.4 Delayed and immediate effects and chronic effects from short-term and long-term exposure	
No Data Available	

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
May cause long-term adverse effects in the aquatic environment.	
12.2 Persistence & degradability	
No data available	
12.3 Bioaccumulation Potential	
No data available	
12.4 Mobility in soil	
Not determined	
12.5 Results of PBT and vPvB Assessment	
No data available	
12.6 Other adverse effects	
Do not allow product to enter streams, sewers or other waterways.	

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site. Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

14. TRANSPORT INFORMATION**14.1 UN number**

UN No. Road	Not regulated for transport
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UN No. SEA	Not regulated for transport
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UN No. AIR	Not regulated for transport
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14.2 UN proper shipping name

Not classified

14.3 Transport hazard class(es)

ADR/RID/ADN Not regulated for transport

ADR/RID/ADN Class - - -

IMDG Class - - -

ICAO Class/Division - - -

14.4 Packing group

ADR/RID/ADN Packing group Not regulated for transport

IMDG Packing group - - -

ICAO Packing group - - -

14.5 Environmental hazards

Do not allow to escape into environment, especially not into waterways, sewers or the sea.

14.6 Special precautions for user

EMS: Not allocated

Emergency Action Code: Not allocated

Hazard No. (ADR): Not allocated

Tunnel Restriction Code (E) Not assigned

14.7 Transport in bulk according to Annex II of MARPOL 73/78° and IBC Code

N/A

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not available

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H317: May cause an allergic skin reaction.
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Other Information	None found
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DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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