





## Safety Data Sheet

1. Identification	
Product Name:	Angelica Root Essential Oil
Botanical/INCI:	Angelica archangelica
Synonyms:	Angelica Root Oil
CAS Number:	8015-64-3
Product Uses:	Aromatherapy, Personal Use
Manufacturer/Supplier:	Amrita Aromatherapy, Inc.®
Address:	1900 W. Stone Ave., Suite C Fairfield, IA 52556
Phone:	1(800)410-9651 or 1(641)472-9136
Fax:	1(641)472-8672
Emergency Contact:	Poison Control: 1(800)222-1222
2. Hazard(s) Identification	
Appearance:	Liquid
Signal Word:	Danger
Statement of Hazard:	H226 - Flammable liquid and vapor H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H317 - May cause an allergic skin reaction H320 - Causes eye irritation H410 - Very toxic to aquatic life with long lasting effects
Precautionary Statements:	P210 - Keep away from heat/sparks/open flames/hot surfaces – No smoking P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264+265 – Wash hands thoroughly after handling. Do not touch eyes. P272 - Contaminated work clothing should not be allowed out of the workplace P273 - Avoid release to the environment P280 - Wear protective gloves/protective clothing/eye protection/face protection P301+310+331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P337+317 – If eye irritation persists: Get medical help. P363 - Wash contaminated clothing before reuse P391 - Collect spillage P333+313 - If skin irritation or a rash occurs: Get medical advice/attention P501 - Dispose of contents/container to ... (in accordance with local/regional/national/international regulation)
Aspiration Toxicity:	Category 1
Skin Irritation:	Category 2
Eye Irritation:	Category 2
Skin Sensitization:	Category 1

<b>Acute Aquatic Toxicity:</b>	Category 1
<b>Chronic Aquatic Toxicity:</b>	Category 1
<b>Flammable Liquids:</b>	Category 3
Classification according to EU Directives 67/548/EEC or 1999/45/EC. For the full text of the R-phrases mentioned in this Section, see Section 16.	

Hazards	
Symbol(s) Writing	Pictogram(s)
<ul style="list-style-type: none"> <li>Flammable liquid and vapor</li> </ul>	
<ul style="list-style-type: none"> <li>Causes Skin irritations</li> <li>May cause allergic skin reaction</li> <li>Causes eye irritation</li> </ul>	
<ul style="list-style-type: none"> <li>May be fatal if swallowed and enters airways</li> </ul>	
<ul style="list-style-type: none"> <li>Very toxic to aquatic life with long lasting effects</li> </ul>	

### 3. Composition / Information on Ingredients


#### Ingredients List: 100% Angelica Root Essential Oil

Component	CAS Number	Weight %	Classification 1272 / 2008	REACH Number
Alpha Pinene	80-56-8	<=21%	FL3, AspT1, SI2, SS1, ED1, EI2, AA1, AC1	201-291-9
1.8 Cineol	470-82-6	<=20%	FL3, AspT1, SI2, SS1, AC2	207-431-5
Gamma-3-carene	13466-78-9	<=14%	FL3, AspT1, SI2, SS1, AC3	236-719-3
Alpha phellandrene	99-83-2	<=10%	FL3, AspT1	202-792-5
Beta Pinene	127-91-3	<=7%	FL3, AspT1, SI2, SS1, AA1, AC1	204-872-5
Sabinene	3387-41-5	<=5%	FL3, AspT1, SI2, EI2, STOT SE3	222-212-4
Limonene	8016-20-4	<=5%	FL3, AspT1, SI2, SS1, EI2, AA1, AC1	642-944-1

Myrcene	123-35-3	<=4%	FL3, AspT1, SI2, EI2, AC3	204-622-5
Trans-beta ocimene	3779-61-1	<=1%	FL3, AT4, AspT1, SI2	223-241-5
Para-cymene	1195-32-0	<=0.5%	FL3, AspT1, AC2	214-795-9
(See Section 8 for Exposure Limits)				
4. First Aid Measures				
General Advice:	Seek medical attention in case of any discomfort. Immediately remove any clothing soiled by the product.			
Eye Contact:	Remove contact lenses. Flush repeatedly with water for 15 minutes; contact physician			
Skin Contact:	Remove contaminated clothing; wash with water and soap. Contact physician if condition persists.			
Ingestion:	Do NOT induce vomiting. Rinse out mouth. Do NOT give water or milk unless directed by medical professional. Contact POISON CENTER or doctor immediately.			
Inhalation:	Remove to fresh air and contact a physician if necessary. In case of unconsciousness place patient stably in side position for transportation.			
5. Fire Fighting Measures				
Extinguishing Media:	SUITABLE: CO2, Foam, Dry Chemical, Water Spray/mist NON SUITABLE: Water jet			
Hazardous Combustion Products:	When heated to decomposition, produces Carbon Monoxide (CO), Carbon Dioxide (CO2), acrid smoke and fumes.			
Fire Fighting Procedures:	When possible, prevent environmental run-off. Use self-contained breathing apparatus and protective clothing. Water mist may be used to cool barrels containing more product, preventing explosion.			
Fire / Explosion Hazards:	Carbon monoxide, carbon dioxide, acrid fumes, smoke, or flammable vapor may be released during oil fires. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.			
6. Accidental Release Measures				
Health and Safety Precautions:	Avoid all contact with eyes and mucous membranes. Personnel involved in cleanup should wear appropriate personal protective equipment. Minimize exposure. Eliminate all sources of ignition and ventilate area using explosion-proof equipment.			
Measures for Cleaning and Collecting:	Collect spills with an absorbent material and clean up with a detergent. Do not use any solvents.			
Measures for Environmental Protections:	Do NOT allow to enter sewers, surface, or ground water. Inform the authorities if seepage into ground or water occurs.			
Additional Considerations for Large Spills:	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, or diatomaceous earth in drums for waste disposal. Avoid allowing product to reach sewage system or any waterways. Inform respective authorities in case of seepage into sewage system or waterways.			
7. Handling and Storage				
Directions of Use:	Skin application: Dilute in carrier oil before application to skin. A carrier oil is a non-hazardous oil such as apricot seed, olive oil, coconut oil, etc. Air Diffusion: Depending on the diffuser, drop several drops of oil in the reservoir.			

<b>General Handling:</b>	Avoid contact with eyes, skin, mucous and clothing. Wear required PPE. Observe good hygiene guidelines and general safety practices. Do NOT eat, drink or smoke when handling. Ensure workspace is properly ventilated. Wash hands after handling.
<b>Storage Conditions:</b>	Store in tightly sealed glass container, away from heat, light and other sources of ignition; in a well-ventilated, dry and cool location. Keep away from strong oxidizing agents.
<b>8. Exposure Controls / Personal Protection</b>	
<b>Exposure Limit:</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Controls:</b>	Extraction or global ventilation. Equipment should be grounded. Provide eyewash station.
<b>Environmental Exposure Controls:</b>	Avoid discharging into sewer or environment. Do NOT eat, drink, or smoke near or after handling product. Review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.
<b>Personal Protective Equipment (PPE):</b>	Protective clothing and gloves. Eye and face protection. Regularly laundered work clothing (lab coat).
<b>Hands:</b>	Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged or repeated skin contact.
<b>Eyes:</b>	Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against liquid splashes.
<b>Skin:</b>	Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
<b>Respiratory Protection:</b>	Assure a well-ventilated work area. General room or local exhaust ventilation is usually required to meet exposure limit(s)
<b>9. Physical and Chemical Properties</b>	
<b>Physical State:</b>	Transparent liquid
<b>Liquid Color:</b>	Pale Yellow
<b>Odor:</b>	Warm pungent
<b>Water Solubility:</b>	Insoluble
<b>Boiling Point (°C):</b>	Not specified
<b>Vapor Pressure (kPa):</b>	Not specified
<b>Vapor Density (g/mL):</b>	Not specified
<b>Flash Point – Liquid (°C):</b>	61°C
<b>Upper Explosive Limits:</b>	Not specified
<b>Lower Explosive Limits:</b>	Not specified
<b>Polymerization:</b>	Will not occur
<b>Specific Gravity 25°C:</b>	0.850 – 0.880
<b>Specific Gravity 20°C:</b>	0.970 – 1.080
<b>Refractive Index 20°C:</b>	1.490 – 1.540
<b>10. Stability and Reactivity</b>	
<b>Chemical Stability:</b>	Stable under normal conditions

<b>Conditions to Avoid:</b>	Heat and Flames
<b>Incompatible Materials:</b>	Alkali metals, ammonia, oxidizing agents, peroxides strong inorganic acids
<b>11. Toxicological Information</b>	
<b>General Information:</b>	Breathing highly concentrated vapors may cause an anesthetic effect.
<b>Acute Toxicity:</b>	No data available
<b>Oral</b>	
<b>Dermal</b>	
<b>Irritation / Sensitization:</b>	May be irritation to skin and eyes. Prompt rinsing and removal will avoid damage.
<b>Skin Absorption:</b>	May cause non-allergic contact dermatitis after prolonged or repeated exposure.
<b>Carcinogen Status:</b>	None Identified
<b>Long-Term Effects:</b>	<p>Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system.</p> <p>Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.</p>
<b>12. Ecological Information</b>	
<b>Environmental Overview:</b>	This product is to be considered as being potentially dangerous for the environment. Avoid any pollution of surface and ground waters.
<b>Eco-toxicity Effects:</b>	Very toxic to aquatic life with long lasting effects
<b>Chemical:</b>	No further information available
<b>Persistence and Degradability:</b>	Biodegradation is to be expected.
<b>Bio-accumulative Potential:</b>	Bioaccumulation is unlikely
<b>Mobility in Soil:</b>	No further information available
<b>Other Adverse Effects:</b>	Avoid exposure to marine environments and waterways
<b>13. Disposal Considerations</b>	
<b>Waste Treatment Methods:</b>	<p>Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste-water and waste disposal measures to prevent occupational exposure or environmental releases.</p> <p>Waste from a spill: Contain the source of spill if it is safe to do so. Collect spill with absorbent material. Place waste in an appropriately labeled, sealed container for disposal. Clean spill area thoroughly. Care should be taken to avoid environmental release.</p>
<b>14. Transport Information</b>	
<i>The following refers to all modes of transportation unless specified below. This material is regulated for transport under DOT, ADR, IMDG, and IATA regulations.</i>	
<b>UN Number:</b>	1169
<b>UN Proper Shipping Name:</b>	Extracts, aromatic, liquid
<b>Transport Hazard Class(es):</b>	Flammable Class 3
<b>Packing Group:</b>	III
<b>Flash Point (°C):</b>	61°C
<b>Marine Pollutant:</b>	Yes

15. Regulatory Information	
EU Symbol:	
EU Indication of Danger:	F – Flammable Xn – Harmful N – Dangerous to the environment
EU Risk Phrases:	R10 Flammable R22 Harmful if swallowed R38 Irritating to skin R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 Harmful: may cause lung damage if swallowed
EU Safety Phrases:	S16 Keep away from sources of ignition – No smoking S24 Avoid contact with skin S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 Wear suitable gloves and eye/face protection S61 Avoid release to the environment. Refer to special instructions/Safety data sheets S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
OSHA Label:	Danger
Identifying Markings in Accordance with EC Directives / GefStoffV:	Unknown
California Proposition 65:	Components listed
United States TSCA:	Components listed
Australia (AICS):	Components listed
EU EINECS/ELINCS List:	Components listed
16. Other Information	
Section 3 Expanded Classification 1272 / 2008	Alpha Pinene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1 Trans-beta ocimene - Flam. Liq. 3, Acute Tox. 4, Asp. Tox. 1, Skin Irrit. 2, Eye Irrit. 2 Sabinene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 Beta Pinene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 Myrcene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3 Alpha phellandrene – Flam. Liq. 3, Asp. Tox. 1 Gamma-3-carene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3 Para-cymene - Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2 Limonene - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1 1.8 Cineol - Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2

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Revision Tracking				
Revision	Date	Reason	Author	Reviewed by
V1.0	12/15/2021	New Template	KH	SS
V1.1	1/28/2022	Completion	SS	AG
V1.2	9/1/2022	Edit	AG	SS