

Safety Data Sheet

1. Identification

Product Name:	Ammi Visnaga Essential Oil
Botanical/INCI:	<i>Ammi visnaga</i>
Synonyms:	"Green Mist", Khella, Bisnaga, Toothpickweed
CAS Number:	84695-96-5
Product Uses:	Personal care, Aromatherapy
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:	H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic life with long lasting effects
Precautionary Statements:	P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands thoroughly after handling P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container with local/regional/national/international laws and regulations
Aspiration Toxicity:	Category 1
Skin Irritation:	Category 2
Skin Sensitization:	Category 1
Acute Aquatic Toxicity:	Category 1
Chronic Aquatic Toxicity:	Category 1
Flammable Liquids:	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)
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<ul style="list-style-type: none"> May cause an allergic skin reaction 	
<ul style="list-style-type: none"> Causes skin irritation Causes eye irritation May be fatal if swallowed and enters airways 	
<ul style="list-style-type: none"> Toxic to aquatic life with long lasting effects 	

3. Composition / Information on Ingredients

Ingredients List: 100% Organic Ammi Visnaga Essential Oil

Component	CAS Number	Weight %	Classification 1272 / 2008	REACH Number
Linalool	78-70-6	<=20%	SI2, SS1B, EI2	201-134-4
2-methylbutyl-2-methylbutyrate	2445-78-5	<=16%	AC3	219-497-2
2-methylbutyl isobutyrate	2445-69-4	<=8%	FL3	219-493-0
2-methylbutyl isovalerate	2445-77-4	<=6%	n/a	219-496-7
Isobutyl 2-methylbutyrate	2445-67-2	<=3%	FL3	219-492-5
Isoamyl isobutyrate	2050-01-3	<=1.5%	FL3	218-078-1
Beta pinene	127-91-3	<=1.5%	FL3, AspT1, SI2, SS1, AA1, AC1	242-060-2
Isobutyl isobutyrate	97-85-8	<=1.5%	FL3, AC3	202-612-5
Alpha thujene	2867-05-2	<=1.5%	n/a	220-686-7
Alpha pinene	80-56-8	<=0.5%	FL3, AspT1, SI2, SS1, ED1, EI2, AA1, AC1	201-291-9
Alpha copaene	3856-25-5	<=0.3%	AspTox1	223-364-4
d-Limonene	5989-27-5	<=0.1%	FL3, AspT1, SI2, SS1B, AA1, AC1	227-813-5
Para cymene	99-87-6	<=0.05%	FL3, AspT1, AC2	202-796-7
1.8 cineol/Eucalyptol	470-82-6	<=0.02%	FL3, AspT1, SI2, SS1, AC2	207-431-5


(See Section 8 for Exposure Limits)

4. First Aid Measures

General Advice:	Seek medical attention in case of any discomfort. Observe risk of aspiration if vomiting occurs. May cause lung damage if swallowed.
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 redness or irritation develop.

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 symptoms such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest occur.
5. Fire Fighting Measures	
Extinguishing Media:	SUITABLE: Foam, Dry chemical, Caron Dioxide, B class Extinguishers NON SUITABLE: Water Jet
Hazardous Combustion Products:	When heated to decomposition, produces Carbon Monoxide (CO), Carbon Dioxide (CO ₂), acrid smoke and fumes.
Fire Fighting Procedures:	When possible, prevent environmental run-off. Use self-contained breathing apparatus and protective clothing.
Fire / Explosion Hazards:	Carbon monoxide, carbon dioxide, acidic fumes, smoke, or flammable vapor may be released during oil fires. Flammable liquid and vapor. 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:	Absorb spill with non-combustible matter (such as detergent--do not use solvents) and transfer to containers. Clean spill area thoroughly.
Measures for Environmental Protections:	Do NOT allow to enter the sewer or outdoor environment. Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.
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.
General Handling:	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.
Storage Conditions:	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.
8. Exposure Controls / Personal Protection	
Exposure Limit:	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
Engineering Controls:	Extraction or global ventilation. Equipment should be grounded. Provide

	eyewash station.
Environmental Exposure Controls:	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.
Personal Protective Equipment (PPE):	Protective clothing and gloves. Eye and face protection. Regularly laundered work clothing (lab coat).
Hands:	Wear suitable protective gloves (resistant to chemical agents in accordance with standard EN374) in the event of prolonged or repeated skin contact.
Eyes:	Avoid contact with eyes. Use eye protectors (safety goggles in accordance with standard EN166) designed to protect against liquid splashes.
Skin:	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.
Respiratory Protection:	Assure a well-ventilated work area. General room or local exhaust ventilation is usually required to meet exposure limit(s)
9. Physical and Chemical Properties	
Physical State:	Transparent Liquid
Liquid Color:	Light yellow to orange
Odor:	Pleasant, sweet, earthy
Molecular Weight:	No information
Water Solubility:	Not soluble
Boiling Point (°C):	No information
Vapor Pressure (kPa):	No information
Vapor Density (g/mL):	No information
Flash Point – Liquid (°C):	62°C
Upper Explosive Limits:	No information
Lower Explosive Limits:	No information
Polymerization:	Will not occur
Specific Gravity 25°C:	No information
Specific Gravity 20°C:	0.859 – 0.877
Refractive Index 20°C:	1.430 – 1.450
10. Stability and Reactivity	
Chemical Stability:	Stable under normal conditions of use.
Conditions to Avoid:	Keep away from heat, spark, flames, and all other sources of ignition
Incompatible Materials:	Strong oxidizing agents and strong inorganic acids
11. Toxicological Information	
General Information:	Product does not present an acute toxicity hazard based on known or supplied information.
Acute Toxicity:	Not Determined
Irritation / Sensitization:	Not Determined
Skin Absorption:	No adverse effects with normal skin. However, potentially harmful amounts of material may be absorbed across markedly abraded skin when contact is sustained.

Carcinogen Status:	Carcinogenicity of the mixture has not been determined. Not listed as carcinogens by IARC, US OSHA or NTP.
12. Ecological Information	
Environmental Overview:	The environmental characteristics of this mixture have not been fully evaluated. Releases to the environment should be avoided.
Eco-toxicity Effects:	Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.
Chemical:	Linalool is a compound generally recognized as safe (GRAS) to humans. It is used as a flavoring agent in candy and chewing gum. It is, however, harmful to aquatic life.
Persistence and Degradability:	Biodegradation is expected
Bio-accumulative Potential:	Bioaccumulation is unlikely
Mobility in Soil:	Not Determined
Other Adverse Effects:	Avoid exposure to marine environments and waterways
13. Disposal Considerations	
Waste Treatment Methods:	Releases to the environment should be avoided. Review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure or environmental releases. 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.
14. Transport Information	
<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>	
UN Number:	1169
UN Proper Shipping Name:	Extracts, aromatic, liquid
Transport Hazard Class(es):	Flammable Class 3
Packing Group:	III
Flash Point (°C):	62°C
Marine Pollutant:	Yes
15. Regulatory Information	
EU Symbol:	
EU Indication of Danger:	F – Flammable Xn – Harmful N – Dangerous to the environment
EU Risk Phrases:	R 20/22 – Harmful by inhalation and if swallowed. R36 – Irritating to eyes. R38 – Irritating to skin. R51 – Toxic to aquatic organisms. R65 – Harmful: may cause lung damage if swallowed.
EU Safety Phrases:	S 23 – Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer) S 27 – Take off immediately all contaminated clothing S 28 – After contact with skin, wash immediately with plenty of (to be

	specified by the manufacturer) S 36/37/39 – Wear suitable protective clothing, gloves, and eye/face protection. S 57 – Use appropriate containment to avoid environmental contamination			
OSHA Label:	Warning			
Identifying Markings in Accordance with EC Directives / GefStoffV:	No duty to mark/Exempt			
California Proposition 65:	Not listed			
United States TSCA:	Complies			
Australia (AICS):	Not present			
EU EINECS/ELINCS List:	Complies			
16. Other Information				
Section 2 Expanded Precautionary Statements	P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse.			
Section 3 Expanded Classification 1272 / 2008	Linalool – Skin Irritant 2, Skin Sensitizer 1B, Eye Irritant 2 Beta pinene – Flammable Liquid 3, Aspiration Toxicity 1, Skin Irritant 2, Skin Sensitizer 1, Aquatic Acute 1, Aquatic Chronic 1 Isobutyl isobutyrate – Flammable Liquid 3, Aquatic Chronic 3 Alpha pinene – Flammable Liquid 3, Aspiration Toxicity 1, Skin irritant 2, Skin Sensitizer 1, Eye damage 1, Eye irritant 2, Aquatic Acute 1, Aquatic Chronic 1 Alpha-Copaene – Aspiration Toxicity 1 d-Limonene – Flammable Liquid 3, Aspiration Toxicity 1, Skin irritant 2, Skin Sensitizer 1B, Aquatic Acute 1, Aquatic Chronic 1 para-Cymene – Flammable Liquid 3, Aspiration Toxicity 1, Aquatic Chronic 2 1.8 Cineol/Eucalyptol – Flammable Liquid 3, Aspiration Toxicity 1, Skin irritant 2, Skin Sensitizer 1, Aquatic Chronic 2			
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Revision Tracking				
Revision	Date	Reason	Author	Reviewed by
V1.0	2/20/2023	Creation	Samuel S	AG