




Safety Data Sheet

1. Identification	
Product Name:	Holy Basil Essential Oil
Botanical/INCI:	Ocimum sanctum
Synonyms:	Basil Oil
CAS Number:	8015-73-4
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:	H317 – May cause allergic reaction. H302 – Harmful if swallowed H315 – Causes skin irritation H319 – Causes serious eye irritation H335 – May cause respiratory irritation H402 – Harmful to aquatic life H412 – Harmful to aquatic life with long lasting effects
Precautionary Statements:	P102 - Keep out of the reach of children. P264 –Wash hands thoroughly after handling. P270 – Do not eat, drink, or smoke when using this product. P273 – Avoid release into the environment P280 – Wear protective gloves/protective clothing/eye protection/face protection. P301 + P312 – IF SWALLOWED: Call a POISON CENTER/doctor/physician/ if you feel unwell. P302 + P352 – IF ON SKIN: Wash with plenty of water/soap. P391 – Collect spillage P501 – Dispose of contents/container to an approved waste disposal plant.
Aspiration Toxicity:	Category n/a
Acute Toxicity (Oral):	Category 4
Skin Irritation:	Category 2
Skin Sensitization:	Category 2
Acute Aquatic Toxicity:	Category 3
Chronic Aquatic Toxicity:	Category 3
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)
<ul style="list-style-type: none"> Keep out of the reach of children Causes skin irritation Causes serious eye irritation 	
<ul style="list-style-type: none"> May Cause respiratory irritation Harmful if swallowed 	
<ul style="list-style-type: none"> Harmful to aquatic life with long lasting effects 	

3. Composition / Information on Ingredients

Ingredients List: 100% Holy Basil Essential Oil

Component	CAS Number	Weight %	Classification	REACH Number
Methyl Chavicol/Estragole	140-67-0	<=78%	1272 / 2008 ATox4, SS1B, MUT2, CARC2	205-427-8
Linalool	78-70-6	<=16%	SI2, SS1B, EI2	201-134-4
Delta cadinene	483-76-1	<=1%	AT1, SI2	n/a

(See Section 8 for Exposure Limits)

4. First Aid Measures


General Advice:	Seek medical attention in case of any discomfort
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:	In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with milk or water and consult a doctor. Keep the exposed person at rest. Do NOT force vomiting unless directed to do so by medical personnel. Seek immediate medical attention and show the Substance's label to medical personnel.
Inhalation:	Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

5. Fire Fighting Measures

Extinguishing Media:	SUITABLE: CO2, Foam, Dry Chemical NON SUITABLE: Water Jet
Hazardous Combustion Products:	May form carbon monoxide and carbon dioxide upon burning
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.

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:	Remove all potential sources of ignition. Contain the spill with inert non-combustible absorbent material and place in approved containers.
Measures for Environmental Protections:	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.
Personal Protective Equipment (PPE):	Protective clothing and gloves. Eye and face protection. Regularly laundered work clothing (lab coat)
Hands:	Use oil/solvent resistant gloves. Protective gloves made of butadiene-acrylonitrile copolymer rubber (NBR) or polyvinyl alcohol (PVA) are recommended. Wash hands after handling.
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:	Liquid oil

Liquid Color:	Clear yellow to pale amber
Odor:	Characteristic
Molecular Weight:	Not determined
Water Solubility:	Not soluble
Boiling Point (°C):	Not determined
Vapor Pressure (kPa):	Not determined
Vapor Density (g/mL):	Not determined
Flash Point – Liquid (°C):	80°C
Upper Explosive Limits:	Not determined
Lower Explosive Limits:	Not determined
Polymerization:	Will not occur
Specific Gravity 25°C:	Not determined
Specific Gravity 20°C:	0.900 - 0.973
Refractive Index 20°C:	1.490 to 1.530
10. Stability and Reactivity	
Chemical Stability:	This substance is stable under the recommended handling and storage conditions in Section 7.
Conditions to Avoid:	Excess heat; ignition sources; open flame
Incompatible Materials:	Alkali metals, ammonia, oxidizing agents, peroxides, strong inorganic acids.
11. Toxicological Information	
General Information:	This compound is moderately toxic by ingestion. It is a weak sensitizer and may cause contact dermatitis. When heated to decomposition it emits carbon dioxide, carbon monoxide, acrid smoke and irritating fumes.
Acute Toxicity: Oral Dermal	Oral LD50 (Rat) 1400 mg/kg Dermal LD50 (rabbit) > 5000mg/kg
Irritation / Sensitization:	May be irritating to skin
Skin Absorption:	It is a weak sensitizer and may cause contact dermatitis.
Carcinogen Status:	Methyl chavicol/Estragole is not considered not to be carcinogenic in the amount and intended use.
12. Ecological Information	
Environmental Overview:	This product is to be considered as being potentially dangerous for the environment. Avoid any pollution of surface and ground waters.
Eco-toxicity Effects:	No further information available
Chemical: Methyl Chavicol:	This chemical has been found to cause liver cancer in rodents.
Persistence and Degradability:	Biodegradation is expected
Bio-accumulative Potential:	Bio-accumulative is unlikely
Mobility in Soil:	Unknown
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 waste-water 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:	Oils, Basil			
Transport Hazard Class(es):	3			
Packing Group:	III			
Flash Point (°C):	80°C			
Marine Pollutant:	Yes			
15. Regulatory Information				
EU Symbol:				
EU Indication of Danger:	Flammable			
EU Risk Phrases:	R22 - Harmful if swallowed R36/38 - Irritating to skin R43 – May cause sensitization by skin contact R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment			
EU Safety Phrases:	S2 – Keep out of the reach of children S20/21 – When using do not eat, drink or smoke S28 – After contact with skin, wash immediately with plenty of soap S36/37/38 - Wear suitable protective clothing, gloves, and eye/face protection S56 – Dispose of this material and its container at hazardous or special waste collection point S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible			
OSHA Label:	Complies			
Identifying Markings in Accordance with EC Directives / GefStoffV:	Complies			
California Proposition 65:	This product contains chemicals known to State of California to cause cancer, birth defects, and/or reproductive harm. See Sections 3 and 16 for details.			
United States TSCA:	Complies			
Australia (AICS):	Complies			
EU EINECS/ELINCS List:	Complies			
16. Other Information				
Section 3 Expanded Classification 1272 / 2008	Methyl chavicol – Aspiration Tox 4, Skin Sens. 1B, Mutagenicity 2, Carcinogenicity 2 Linalool – Skin Irrit. 2, Skin Irrit.1B, Eye Irrit. 2 Delta cadeine – Aspiration Tox. 1, Skin Irrit. 2			
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Revision Tracking				
Revision	Date	Reason	Author	Reviewed by
V1.0	12/28/2021	New Template	KH	SS



V1.1	1/28/2022	Edit	SS	AG
V1.2	7/27/2022	Edit	AG	SS