



## Safety Data Sheet

| 1. Identification   |   |
|---|---|
| <b>Product Name:</b>  | Clary Sage Organic Essential Oil  |
| <b>Botanical/INCI:</b>  | Salvia Sclarea  |
| <b>Synonyms:</b>  | Clary Sage Oil  |
| <b>CAS Number:</b>  | 8016-63-5   |
| <b>Product Uses:</b>  | Aromatherapy, Personal Use  |
| <b>Manufacturer/Supplier:</b>   | Amrita Aromatherapy, Inc. <sup>®</sup>  |
| <b>Address:</b>   | 1900 W. Stone Ave., Suite C Fairfield, IA 52556   |
| <b>Phone:</b>   | 1(800)410-9651 or 1(641)472-9136  |
| <b>Fax:</b>   | 1(641)472-8672  |
| <b>Emergency Contact:</b>   | Poison Control: 1(800)222-1222  |
| 2. Hazard(s) Identification   |   |
| <b>Appearance:</b>  | Liquid  |
| <b>Signal Word:</b>   | Warning   |
| <b>Statement of Hazard:</b>   | H315 – Causes skin irritation<br>H317 – May cause allergic reaction.<br>H319 – Causes serious eye irritation<br>H412 – Harmful to aquatic life with long-lasting effects  |
| <b>Precautionary Statements:</b>  | P102 – Keep out of the reach of children<br>P273 – Avoid release into the environment<br>P391 – Collect spillage<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.<br>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Aspiration Toxicity:</b>   | N/A   |
| <b>Skin Irritation:</b>   | Category 2  |
| <b>Skin Sensitization:</b>  | Category 1  |
| <b>Acute Aquatic Toxicity:</b>  | N/A   |
| <b>Chronic Aquatic Toxicity:</b>  | Category 3  |
| <b>Flammable Liquids:</b>   | N/A   |
| <b>Eye Sensitization/Damage</b>   | Category 2A   |
| 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>Irritant (Skin &amp; Eye)</li> <li>Acute Toxicity (Harmful)</li> <li>Skin Sensitizer</li> <li>Respiratory Tract Irritant</li> </ul> |  |
| <ul style="list-style-type: none"> <li>Aquatic Toxicity</li> </ul>   |  |

### 3. Composition / Information on Ingredients

**Ingredients List: 100% Organic Clary Sage Essential Oil**

| Component          | CAS Number | Weight % | Classification<br>1272 / 2008 | REACH<br>Number |
|--------------------|------------|----------|-------------------------------|-----------------|
| Linalool           | 78-70-6    | <=70%    | SI2, SS1B, EI2                | 201-134-4       |
| Linalyl Acetate    | 115-95-7   | <=14%    | SI2, SS1, EI2                 | 204-116-4       |
| Germacrene D       | 23986-74-5 | <=5%     | AT4, AspT1                    | n/a             |
| Beta Caryophyllene | 87-44-5    | <=2%     | AspT1, SS1                    | 201-746-1       |
| Alpha Copaene      | 3856-25-5  | <=2%     | AspT1                         | 223-364-4       |
| Myrcene            | 123-35-3   | <=1%     | FL3, AspT1,<br>SI2, EI2, AC3  | 204-622-5       |

*(See Section 8 for Exposure Limits)*

### 4. First Aid Measures


|                        |  |
|------------------------|--|
| <b>General Advice:</b> | Seek medical attention in case of any discomfort   |
| <b>Eye Contact:</b>    | Remove contact lenses. Flush repeatedly with water for 15 minutes; contact physician   |
| <b>Skin Contact:</b>   | Remove contaminated clothing; wash with water and soap. Contact physician if redness or irritation develop.  |
| <b>Ingestion:</b>      | 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. |
| <b>Inhalation:</b>     | 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

|                                       |  |
|---------------------------------------|--|
| <b>Extinguishing Media:</b>           | SUITABLE: Carbon dioxide (CO <sub>2</sub> ), Powder, Water Spray<br>NON SUITABLE: None known   |
| <b>Hazardous Combustion Products:</b> | May form carbon monoxide and carbon dioxide upon burning   |
| <b>Fire Fighting Procedures:</b>      | When possible, prevent environmental run-off. Use self-contained breathing apparatus and protective clothing. Water mist may be used to cool barrels |

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|  | containing more product, preventing explosion.  |
| <b>Fire / Explosion Hazards:</b>                   | Carbon monoxide, carbon dioxide, acidic fumes, smoke, or flammable vapor may be released during oil fires.  |
| <b>6. Accidental Release Measures</b>              |   |
| <b>Health and Safety Precautions:</b>              | 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.   |
| <b>Measures for Cleaning and Collecting:</b>       | Remove all potential sources of ignition. Contain the spill with inert non-combustible absorbent material and place in approved containers.   |
| <b>Measures for Environmental Protections:</b>     | Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.  |
| <b>Additional Considerations for Large Spills:</b> | 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. |
| <b>7. Handling and Storage</b>                     |   |
| <b>Directions of Use:</b>                          | 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.<br>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 the product.  |
| <b>Personal Protective Equipment (PPE):</b>        | Protective clothing and gloves.<br>Eye and face protection.<br>Regularly laundered work clothing (lab coat)   |
| <b>Hands:</b>                                      | Use oil/solvent resistant gloves. Protective gloves made of butadiene-acrylonitrile copolymer rubber (NBR) or polyvinyl alcohol (PVA) are recommended. Wash hands after handling.   |
| <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)   |

| 9. Physical and Chemical Properties |   |
|-------------------------------------|---|
| Physical State:                     | Mobile liquid   |
| Liquid Color:                       | Colorless to yellow-brown   |
| Odor:                               | Herbaceous, tobacco   |
| 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):          | Not determined  |
| Upper Explosive Limits:             | Not determined  |
| Lower Explosive Limits:             | Not determined  |
| Polymerization:                     | Will not occur  |
| Specific Gravity 25°C:              | Not determined  |
| Specific Gravity 20°C:              | 0.895 – 0.908   |
| Refractive Index 20°C:              | 1.455 – 1.466   |
| 10. Stability and Reactivity        |   |
| Chemical Stability:                 | Stable under the recommended handling and storage conditions.   |
| Conditions to Avoid:                | No additional data available  |
| Incompatible Materials:             | No additional data available  |
| 11. Toxicological Information       |   |
| General Information:                | This substance contains low levels of carcinogenic materials. In normal usage parameters, the product is not hazardous except in large amounts.   |
| Acute Toxicity:                     | ALPHA-TERPINEOL (CAS: 98-55-5) Oral route: LD50 = 4300 mg/kg<br>LINALOOL (CAS: 78-70-6) Oral route: LD50 = 2790 mg/kg   |
| Irritation / Sensitization:         | May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact. |
| Skin Absorption:                    | No additional information available   |
| Carcinogen Status:                  | Myrcene, linalool, and alpha terpineol are not considered 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(s):                        | Myrcene has a classification of Aquatic Chronic 3, a low alert level for chronic aquatic risk of poisoning from the substance   |
| Persistence and Degradability:      | Biodegradation is expected  |
| Bio-accumulative Potential:         | Bioaccumulation 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.      |

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|   | 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.  |
| <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>   | Oils, Clary Sage  |
| <b>Transport Hazard Class(es):</b>  | 3   |
| <b>Packing Group:</b>   | III   |
| <b>Flash Point (°C):</b>  | 85°C  |
| <b>Marine Pollutant:</b>  | Yes   |
| <b>15. Regulatory Information</b>   |   |
| <b>EU Symbol:</b>   |    |
| <b>EU Indication of Danger:</b>   | Xn – Harmful<br>N – Dangerous to the environment  |
| <b>EU Risk Phrases:</b>   | R 36/38 – Irritating to eyes and skin.<br>R43 May cause sensitization by skin contact<br>R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.   |
| <b>EU Safety Phrases:</b>   | S 1/2 – Keep locked up and out of the reach of children.<br>S 27/28 – After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water<br>S 37/39 – Wear suitable gloves and eye/face protection.<br>S 61 – Avoid release to the environment. Refer to special instructions/safety data sheet.   |
| <b>OSHA Label:</b>  | Warning   |
| <b>Identifying Markings in Accordance with EC Directives / GefStoffV:</b>   | None known  |
| <b>California Proposition 65:</b>   | 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.   |
| <b>United States TSCA:</b>  | Not Regulated   |
| <b>Australia (AICS):</b>  | Not Regulated   |
| <b>EU EINECS/ELINCS List:</b>   | Not Regulated   |
| <b>16. Other Information</b>  |   |
| <b>Section 3 Expanded Classification 1272 / 2008</b>  | Linalool – Skin Irritant 2, Skin Sensitizer 1B, Eye Irritant 2<br>Linalyl acetate – Skin Irritant 2, Skin Sensitizer 1, Eye Irritant 2<br>Germacrene D – Acute Toxicity 4, Aspiration Toxicity 1<br>Beta Caryophyllene – Aspiration Toxicity 1, Skin Sensitizer 1<br>Alpha copaene – Aspiration Toxicity 1<br>Myrcene – Flammable Liquid 3, Aspiration Toxicity 1, Skin Irritant 2, Eye Irritant 2, Aquatic Chronic 3 |
| <b>Disclaimer:</b> The information contained herein is accurate to the best of our knowledge. Amrita Aromatherapy, Inc.® makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. |   |



| Revision Tracking |            |              |          |             |
|-------------------|------------|--------------|----------|-------------|
| Revision          | Date       | Reason       | Author   | Reviewed by |
| V1.1              | 12/28/2021 | New Template | Katie H  | SS          |
| V1.2              | 2/1/2022   | Completion   | Samuel S | AG          |
|                   |            |              |          |             |