

## Safety Data Sheet




### 1. Identification

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|-------------------------------|---|
| <b>Product Name:</b>          | Basil Sweet Essential Oil                       |
| <b>Botanical/INCI:</b>        | Ocimum Basilicum                                |
| <b>Synonyms:</b>              | Sweet Basil Oil                                 |
| <b>CAS Number:</b>            | 84775-71-3                                      |
| <b>Product Uses:</b>          | Aromatherapy, Personal Use                      |
| <b>Manufacturer/Supplier:</b> | Amrita Aromatherapy, Inc.®                      |
| <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

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| <b>Appearance:</b>               | Liquid  |
| <b>Signal Word:</b>              | Danger  |
| <b>Statement of Hazard:</b>      | H304 – May be fatal if swallowed and enters airways<br>H315 – Causes skin irritation<br>H317 – May cause allergic skin 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>P301 + P310 – IF SWALLOWED: Immediately call POISON CENTER/Doctor/Physician.<br>P331 – do NOT induce vomiting.<br>P405 – Store locked up<br>P501 – Dispose of contents/container to an approved waste disposal plant.<br>P264 – Wash hands thoroughly after handling.<br>P280 – Wear protective gloves/protective clothing/ eye protection/face protection.<br>P302 + P352 – IF ON SKIN: Wash with plenty of water/soap.<br>P362 + P364 – Take off contaminated clothing and wash before reuse.<br>P273 – Avoid release into the environment<br>P391 – Collect spillage |
| <b>Aspiration Toxicity:</b>      | Category 1  |
| <b>Skin Irritation:</b>          | Category 2  |
| <b>Skin Sensitization:</b>       | Category 1B   |
| <b>Acute Aquatic Toxicity:</b>   | Category 3  |
| <b>Chronic Aquatic Toxicity:</b> | Category 3  |
| <b>Flammable Liquids:</b>        | Category 3  |
| <b>Eye Irritation/Damage:</b>    | Category 2  |

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  |  |
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| 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> </ul> |  |
| <ul style="list-style-type: none"> <li>Aspiration Toxicity</li> </ul>  |  |
| <ul style="list-style-type: none"> <li>Harmful to aquatic life with long-lasting effects</li> </ul>                                    |  |

### 3. Composition / Information on Ingredients

**Ingredients List: 100% Sweet Basil Essential Oil**

| Component                 | CAS Number | Weight % | Classification<br>1272 / 2008   | REACH<br>Number |
|---------------------------|------------|----------|---------------------------------|-----------------|
| Linalool                  | 78-70-6    | <=54%    | SI2, SS1B, EI2                  | 201-134-4       |
| Limonene                  | 138-86-3   | <=8%     | FL3, AT1, SI2,<br>EI2, AA1, AC1 | 205-341-0       |
| 1.8 cineole               | 470-82-6   | <=8%     | FL3, AT1, SI2,<br>SS1, AC2      | 207-431-5       |
| Trans-caryophyllene       | 87-44-5    | <=6%     | AT1, SS1                        | 201-746-1       |
| Methyl Chavicol/Estragole | 140-67-0   | <=1%     | AT4, SS1B,<br>MUT2, CARC2       | 205-427-8       |

*(See Section 8 for Exposure Limits, See Section 11 for Toxicological Information)*


### 4. First Aid Measures

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| <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

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| <b>Extinguishing Media:</b>                        | SUITABLE: Sprayed water or water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, Carbon dioxide (CO <sub>2</sub> )<br>NON SUITABLE: Water jet (Straight stream)   |
| <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 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 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>                                      | 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   |

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|  | 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>                     | Liquid Oil   |
| <b>Liquid Color:</b>                       | Clear yellow to pale amber   |
| <b>Odor:</b>                               | Characteristic   |
| <b>Molecular Weight:</b>                   | Not determined   |
| <b>Water Solubility:</b>                   | Not soluble  |
| <b>Boiling Point (°C):</b>                 | Not determined   |
| <b>Vapor Pressure (kPa):</b>               | Not determined   |
| <b>Vapor Density (g/mL):</b>               | Not determined   |
| <b>Flash Point – Liquid (°C):</b>          | 80°C   |
| <b>Upper Explosive Limits:</b>             | Not determined   |
| <b>Lower Explosive Limits:</b>             | Not determined   |
| <b>Polymerization:</b>                     | Will not occur   |
| <b>Specific Gravity 25°C:</b>              | Not determined   |
| <b>Specific Gravity 20°C:</b>              | 0.880 – 0.920  |
| <b>Refractive Index 20°C:</b>              | 1.465 – 1.495  |
| <b>10. Stability and Reactivity</b>        |  |
| <b>Chemical Stability:</b>                 | This substance is stable under the recommended handling and storage conditions in Section 7.   |
| <b>Conditions to Avoid:</b>                | Excess heat; ignition sources; open flame  |
| <b>Incompatible Materials:</b>             | Alkali metals, ammonia, oxidizing agents, peroxides, strong inorganic acids.   |
| <b>11. Toxicological Information</b>       |  |
| <b>General Information:</b>                | 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.   |
| <b>Acute Toxicity:</b>                     | ATEmix(oral)-1,474.00  |
| <b>Oral</b>                                | ATEmix(dermal)-5,462.00  |
| <b>Dermal</b>                              | (ATEmix = Acute Toxicity Classification for Mixture)   |
| <b>Irritation / Sensitization:</b>         | May be irritating to skin.   |
| <b>Skin Absorption:</b>                    | May be irritating to skin  |
| <b>Carcinogen Status: *</b>                | Methyl chavicol/Estragole is not considered not to be carcinogenic in the amount and intended use.   |
| <b>Long-Term Adverse Effects:</b>          | 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.<br><br>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. |
| <b>12. Ecological Information</b>          |  |
| <b>Environmental Overview:</b>             | This product is to be considered as being potentially dangerous for the  |

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|   | environment. Avoid any pollution of surface and ground waters.   |
| <b>Eco-toxicity Effects:</b>  | See each category below for specific substances.   |
| <b>Persistence and Degradability:</b>   | Biodegradation is expected   |
| <b>Bio-accumulative Potential:</b>  | Bioaccumulation is unlikely  |
| <b>Mobility in Soil:</b>  | Unknown  |
| <b>Other Adverse Effects:</b>   | Avoid exposure to marine environments and waterways  |
| <b>13. Disposal Considerations</b>  |  |
| <b>Waste Treatment Methods:</b>   | Comply with all local, state and federal regulations. Packaging should be well emptied before recycling or well absorbed before disposal. Avoid release into sewer, soil, waterways or environment.  |
| <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  |
| <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>   | R23/25 – Toxic by inhalation and if swallowed.<br>R36/38 – Causes skin and eye irritation<br>R52/53 – Harmful to aquatic life with long-lasting effects  |
| <b>EU Safety Phrases:</b>   | S1/2– Store locked up and out of the reach of children<br>S46/S62– IF SWALLOWED: Immediately call POISON CENTER/Doctor/Physician. Do NOT induce vomiting.<br>S56– Dispose of contents/container to an approved waste disposal plant.<br>S28– Wash hands thoroughly after handling.<br>S36/37/39 – Wear protective gloves/protective clothing/ eye protection/face protection.<br>S27/28 – Take off contaminated clothing and wash before reuse.<br>S29/56 – Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. |
| <b>OSHA Label:</b>  | Danger   |
| <b>Identifying Markings in Accordance with EC Directives / GefStoffV:</b>   | No duty to mark/Exempt.  |
| <b>California Proposition 65:</b>   | This product contains chemicals known in the state of California to cause cancer, birth defects, and/or reproductive harm. See Section 3 for details.  |
| <b>United States TSCA:</b>  | Complies   |
| <b>Australia (AICS):</b>  | Complies   |
| <b>EU EINECS/ELINCS List:</b>   | Complies   |
| <b>16. Other Information</b>  |  |
| <b>Section 3 Expanded Classification 1272 /</b>   | Linalool – Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2  |

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|---|--|--------------|--------|-------------|
| 2008  | Methyl Chavicol – Acute Tox 4, Skin Sens 1B, Mutagenic 2, Carcinogenic 2<br>Limonene – Flammable Liquid 3, Aspiration Tox 1, Skin Irrit 2, Skin Sens 1, Eye Irrit 2, Aquatic Acute 1, Aquatic Chronic 1<br>1.8 cineole – Flammable Liquid 3, Aspiration Toxicity 1, Skin Irrit 2, Skin Sens 1, Aquatic Chronic 2<br>Trans-caryophyllene – Aspiration toxicity 1, Skin Sens 1 |              |        |             |
| <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 |
| V1.0  | 12/28/2021   | New Template | KH     | SS          |
| V1.1  | 2/1/2022   | Completion   | SS     | AG          |
| V1.2  | 7/27/2022  | Edit         | AG     | SS          |