

## 01. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

|                                 |                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | Fennel Sweet                                                                                                                                 |
| <b>Biological Definition</b>    | Essential oil derived from Foeniculum vulgare. Product information is prepared from current reliable sources and typical essential oil data. |
| <b>INCI Name</b>                | Foeniculum Vulgare Oil                                                                                                                       |
| <b>Botanical Name</b>           | Foeniculum vulgare                                                                                                                           |
| <b>Country of Origin</b>        | France                                                                                                                                       |
| <b>Product Use</b>              | Domestic and Industrial                                                                                                                      |
| <b>Synonyms and Trade Names</b> | Fennel Sweet                                                                                                                                 |
| <b>Supplier</b>                 | West Coast Aromatics                                                                                                                         |
| <b>Supplier Address</b>         | 2701 Conestoga Dr Unit 106, Carson City, NV 89706, USA                                                                                       |
| <b>Telephone</b>                | 775-387-3000                                                                                                                                 |
| <b>Emergency Phone</b>          | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY                                                                                                     |
| <b>CAS Number</b>               | 8006-84-6                                                                                                                                    |

## 02. HAZARDS IDENTIFICATION

Signal: Warning



|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emergency Overview</b>                     | Handle as an aromatic essential oil. Avoid skin and eye contact. Avoid release to the environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>GHS Classification</b>                     | Flammable liquids - Category 4; Aspiration toxicity - Category 1; Skin Sensitization - Category 1; Carcinogenicity - Category 2; Germ cell mutagenicity - Category 2; Hazardous to the aquatic environment - Chronic Category 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Contains</b>                               | Naturally occurring constituents may include terpene alcohols, esters, monoterpenes, and trace aromatic components.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Supplementary Precautionary Statements</b> | Use good industrial hygiene practices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>PBT or vPvB</b>                            | This product is not expected to meet PBT or vPvB criteria based on available information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Hazard statement(s)</b>                    | H227 Combustible liquid.<br>H304 May be fatal if swallowed and enters airways.<br>H317 May cause an allergic skin reaction.<br>H341 Suspected of causing genetic defects.<br>H351 Suspected of causing cancer.<br>H411 Toxic to aquatic life with long-lasting effects.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Precautionary statement(s)</b>             | P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.<br>P272 Contaminated work clothing should not be allowed out of the workplace.<br>P280 Wear protective gloves/protective clothing/eye protection/face protection.<br>P281 Use personal protective equipment as required.<br>P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.<br>P352 IF ON SKIN: Wash with plenty of water.<br>P313 If exposed: Call a POISON CENTER or doctor/physician. |

## 03. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient             | CAS       | EC | Concentration | Classification                                                                                                                                                                                                                           |
|------------------------|-----------|----|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Foeniculum Vulgare Oil | 8006-84-6 |    | 100%          | Flammable liquids - Category 4;<br>Aspiration toxicity - Category 1; Skin Sensitization - Category 1;<br>Carcinogenicity - Category 2; Germ cell mutagenicity - Category 2;<br>Hazardous to the aquatic environment - Chronic Category 2 |

## 04. FIRST AID MEASURES

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| General Information | See categories below.                                                                                          |
| Inhalation          | Remove from exposure area to fresh air. Contact a doctor if necessary.                                         |
| Ingestion           | Wash mouth out with water and obtain medical advice immediately.                                               |
| Skin Contact        | Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists. |
| Eye Contact         | Flush with plenty of water and seek medical advice if necessary.                                               |

## 05. FIRE FIGHTING MEASURES

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| Extinguishing Media              | Use CO2, dry powder or foam type extinguishers. Do not use direct water jet on burning material. |
| Unsuitable Extinguishing Media   | Do not use direct water jet on burning material.                                                 |
| Special Fire Fighting Procedures | Wear protective clothing. Avoid inhalation of vapors.                                            |
| Specific Hazards                 | Closed containers may build up pressure when exposed to heat.                                    |
| Protective Measures in Fire      | Cool exposed containers with water spray.                                                        |
| Hazardous Decomposition Products | Carbon monoxide, carbon dioxide and other unidentified organic compounds may be formed.          |

## 06. ACCIDENTAL RELEASE MEASURES

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Personal Precautions      | Maintain good occupational and personal hygiene. Avoid contact with skin and eyes. |
| Environmental Precautions | Do not discharge directly into drains, soil, or waterways.                         |
| Spill Clean Up Methods    | Absorb with sand or inert material and transfer to suitable waste container.       |
| Containment Methods       | Contain spill with inert absorbent and collect for disposal.                       |

## 07. HANDLING AND STORAGE

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Usage Precautions   | Apply good manufacturing practice and industrial hygiene practices. Ensure proper workplace ventilation.            |
| Storage Precautions | Store in tightly closed original container in a cool, dry, ventilated area away from heat and protected from light. |

## 08. EXPOSURE CONTROLS / PERSONAL PROTECTION



|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Engineering Measures  | Ensure good ventilation of working area.                           |
| Respiratory Equipment | Use suitable respiratory equipment if ventilation is insufficient. |
| Hand Protection       | Use chemically resistant gloves.                                   |
| Eye Protection        | Use safety glasses or tightly sealed goggles.                      |
| Other Protection      | Protective clothing as required.                                   |
| Hygiene Measures      | Wash hands with soap and water after handling.                     |

| Substance    | OSHA            | ACGIH           | STEL            | California Prop65 |
|--------------|-----------------|-----------------|-----------------|-------------------|
| Fennel Sweet | Not Established | Not Established | Not Established | Not Established   |

## 09. PHYSICAL AND CHEMICAL PROPERTIES

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| Appearance          | Colorless to pale yellow clear liquid.                     |
| Color               | Colorless to pale yellow clear liquid.                     |
| Odor                | Characteristic spicy sweet woody odor.                     |
| Boiling Point       | Estimated: greater than 35 C.                              |
| Flash Point         | 62 degrees C                                               |
| Relative Density    | Estimated range: 0.953 to 0.973 @ 20 degrees C             |
| Specific Gravity    | Estimated range: 0.953 to 0.973 @ 20 degrees C             |
| Solubility in Water | 1:1 in 90% alcohol.                                        |
| Solubility Other    | Soluble in alcohol and oils.                               |
| Refractive Index    | Estimated range: 1.532 to 1.543 @ 20 degrees C             |
| Optical Rotation    | Estimated range: +12 degrees to +24 degrees @ 20 degrees C |

## 10. STABILITY AND REACTIVITY

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| Reactivity                         | This material presents no significant reactivity hazard under normal conditions. |
| Stability                          | Stable under recommended storage conditions.                                     |
| Possibility of Hazardous Reactions | Hazardous polymerization will not occur.                                         |
| Conditions to Avoid                | Avoid heat, sparks, open flames, and direct light.                               |
| Material to Avoid                  | Strong oxidizing agents.                                                         |

|                                         |                                                                                                           |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Hazardous Decomposition Products</b> | Carbon monoxide, carbon dioxide and other unidentified organic compounds may be formed during combustion. |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------|

## 11. TOXICOLOGICAL INFORMATION

|                                          |                                                                                                            |
|------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity</b>                    | No complete product-specific acute toxicity data available.                                                |
| <b>Skin corrosion / irritation</b>       | May cause skin irritation in susceptible individuals.                                                      |
| <b>Serious eye damage / irritation</b>   | May cause eye irritation.                                                                                  |
| <b>Respiratory or skin sensitization</b> | May cause an allergic skin reaction in sensitized individuals.                                             |
| <b>Carcinogenicity</b>                   | None of the components are expected to be listed as carcinogens except trace constituents where regulated. |
| <b>Chronic Toxicity</b>                  | Repeated exposure may cause allergic skin reaction in sensitive individuals.                               |
| <b>Oral LD50</b>                         | Not available.                                                                                             |
| <b>Inhalation LD50</b>                   | Not available.                                                                                             |

## 12. ECOLOGICAL INFORMATION

|                                         |                                                                                           |
|-----------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                      | Avoid release to the environment. Essential oils may be harmful to aquatic organisms.     |
| <b>Mobility</b>                         | No product-specific data available.                                                       |
| <b>Persistence and Biodegradability</b> | No product-specific data available.                                                       |
| <b>Bioaccumulation Potential</b>        | No product-specific data available.                                                       |
| <b>PBT Assessment Results</b>           | This product is not expected to meet PBT or vPvB criteria based on available information. |
| <b>Precautions</b>                      | Prevent entry into sewers, drains, surface water, or groundwater.                         |

## 13. DISPOSAL CONSIDERATIONS

|                         |                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Disposal Methods</b> | Dispose of contents and container in accordance with local, state, provincial, and federal regulations. |
|-------------------------|---------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

|                             |               |
|-----------------------------|---------------|
| <b>Proper Shipping Name</b> | Not regulated |
| <b>UN Number Road</b>       | Not regulated |
| <b>UN Number Sea</b>        | Not regulated |
| <b>UN Number Air</b>        | Not regulated |

## 15. REGULATORY INFORMATION

|                                  |                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU Directives</b>             | Regulation (EC) No 1907/2006 and related amendments where applicable.                                                                                                              |
| <b>US Federal Regulations</b>    | Applicable U.S. inventory and workplace hazard communication requirements.                                                                                                         |
| <b>California Proposition 65</b> | This product may contain naturally occurring trace constituents listed by the State of California. Review the current constituent profile for product-specific Prop 65 assessment. |
| <b>Canada Regulations</b>        | Applicable Canadian inventory requirements where relevant.                                                                                                                         |
| <b>Statutory Instruments</b>     | Applicable hazard information and packaging frameworks.                                                                                                                            |
| <b>Approved Code of Practice</b> | Classification, labeling, and SDS guidance for substances and preparations.                                                                                                        |
| <b>Guidance Notes</b>            | Applicable workplace exposure limits and industrial hygiene guidance.                                                                                                              |

## 16. OTHER INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Risk Phrases in Full</b>      | Not applicable under current GHS format.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Hazard Statements in Full</b> | Physical, chemical, toxicological, and ecological values are based on current reliable source data and typical product profiles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Other Information</b>         | Complies with internal SDS formatting guidance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Other Classification</b>      | Values are provided as typical estimates for documentation purposes and are not a lot-specific laboratory result.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Disclaimer and Caution</b>    | Please refer to all relevant technical information specific to the product prior to use. The information contained in this document is obtained from current and reliable sources and is provided to the best of our knowledge. West Coast Aromatics provides the information contained herein but makes no representation as to its comprehensiveness or accuracy for every customer application. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products. |