

Section 1. Product and Company Identification

**Product Name** Clary Sage Oil  
**CAS Number** 8016-63-5

**Parchem - fine & specialty chemicals**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

Skin corrosion/irritation - Category 2  
Serious eye damage/eye irritation - Category 2A  
Skin sensitization - Category 1B  
Flammable liquids - Category 4

**GHS Label Elements**

**Pictograms:**



**Signal word:** WARNING

**Hazard and precautionary statements**

**Hazard statements**

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Combustible liquid

**Precautionary Statements**

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace  
Keep away from flames and hot surfaces. - No smoking  
Wear protective gloves/eye protection/face protection



### Response

Specific treatment (see .? on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

### Storage

Store in a well-ventilated place. Keep cool

### Disposal

Dispose of contents/container to an approved waste disposal plant

### Other Information

- Harmful to aquatic life with long lasting effects
  - Harmful to aquatic life
- 5.762% of the mixture consists of ingredient(s) of unknown toxicity

## Section 3. Composition / Information on Ingredients

**Common Name** Clary Sage Oil  
**Synonym(s)** Salvia sclarea (Clary) oil  
**CAS Number** 8016-63-5

COMPONENT	CAS NUMBER	CONCENTRATION
Clary Sage Oil	8016-63-5	100% wt.

## Section 4. First Aid Measures

### Description of first-aid measures

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

**Skin contact:** Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.

**Inhalation:** Remove to fresh air. Administer oxygen if breathing is difficult.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed Symptoms:** No information available.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians:** Treat symptomatically



#### Section 5. Firefighting Measures

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** N/A

**Specific hazards arising from the chemical:** Combustible material.

#### Explosion data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** May be ignited by heat, sparks or flames.

**Special protective actions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### Section 6. Accidental Release Measures

##### Personal precautions, protective equipment, and emergency procedures

**Personal precautions:** Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

##### Environmental precautions

**Environmental precautions:** See Section 12 for additional Ecological Information.

##### Methods and material for containment and cleaning up

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

#### Section 7. Handling and Storage

##### Precautions for safe handling

**Advice on safe handling:** Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing.

##### Conditions for safe storage, including any incompatibilities

**Storage Conditions:** Protect from sunlight. Keep container tightly closed in a dry and well-ventilated place.

**Incompatible materials:** None known based on information supplied.

Section 8. Exposure Controls / Personal Protection

**Exposure guidelines**

Botanical Species	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alpha-Pinene (CAS# 80-56-8)	TWA: 20 ppm	-	-
Beta-Pinene (CAS# 127-91-3)	TWA: 20 ppm	-	-

**Appropriate engineering controls**

**Engineering controls:** Showers; Eyewash stations; Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection:** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and Body Protection:** Avoid contact with skin. Wear protective gloves and protective clothing.

**Respiratory protection:** Ensure adequate ventilation, especially in confined areas. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations:** Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

Section 9. Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Clear

**Color:** Pale-yellow to yellow

**Odor:** Characteristic odor

**Odor threshold:** Not applicable

**pH:** Not applicable

**Melting/Freezing point:** Not applicable

**Boiling point/range:** No data available

**Flash Point:** 79°C/174°F

**Evaporation Rate:** Not applicable

**Flammability (solid, gas):** Not applicable

**Flammability Limit in Air**

**Upper flammability limit:** Not applicable

**Lower flammability limit:** Not applicable

**Vapor pressure:** Not applicable

**Vapor Density:** Not applicable

**Specific gravity:** 0.897



**Water solubility:** Not applicable  
**Solubility in other solvents:** Not applicable  
**Partition coefficient:** Not applicable  
**Auto-ignition Temperature:** Not applicable  
**Decomposition temperature:** Not applicable  
**Kinematic viscosity:** No data available  
**Dynamic viscosity:** Not applicable  
**Explosive properties:** Not applicable  
**Oxidizing properties:** Not applicable

#### Other Information

**Softening point:** Not applicable  
**Molecular weight:** Not applicable  
**VOC content (%):** Not applicable  
**Density:** Not applicable  
**Bulk Density:** Not applicable

#### Section 10. Stability and Reactivity

**Physical State:** Liquid  
**Appearance:** Clear  
**Color:** Pale-yellow to yellow  
**Odor:** Characteristic odor  
**Odor threshold:** Not applicable  
**pH:** Not applicable  
**Melting/Freezing point:** Not applicable  
**Boiling point/range:** No data available  
**Flash Point:** 79°C/174°F  
**Evaporation Rate:** Not applicable  
**Flammability (solid, gas):** Not applicable

#### Flammability Limit in Air

**Upper flammability limit:** Not applicable  
**Lower flammability limit:** Not applicable

**Vapor pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Specific gravity:** 0.897  
**Water solubility:** Not applicable  
**Solubility in other solvents:** Not applicable  
**Partition coefficient:** Not applicable  
**Auto-ignition Temperature:** Not applicable  
**Decomposition temperature:** Not applicable  
**Kinematic viscosity:** No data available



**Dynamic viscosity:** Not applicable  
**Explosive properties:** Not applicable  
**Oxidizing properties:** Not applicable

**Other Information**

**Softening point:** Not applicable  
**Molecular weight:** Not applicable  
**VOC content (%):** Not applicable  
**Density:** Not applicable  
**Bulk Density:** Not applicable

Section 11. Toxicological Information

**Information on likely routes of exposure**

**Product Information**

**Inhalation:** Avoid breathing vapors or mists.  
**Eye Contact:** Avoid contact with eyes. Severely irritating to eyes.  
**Skin contact:** Avoid contact with skin. Causes skin irritation. May cause sensitization by skin contact.  
**Ingestion:** May be harmful if swallowed.

**Information on toxicological effects**

**Symptoms:** No information available.  
**Delayed and immediate effects as well as chronic effects from short and long-term exposure**  
**Skin corrosion/irritation:** Irritating to skin.  
**Serious eye damage/eye irritation:** Causes severe eye irritation.  
**Sensitization:** May cause sensitization by skin contact.  
**Germ cell mutagenicity:** None known.  
**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Botanical Species	ACGIH	IARC	NTP	OSHA
D-Limonene (5989-27-5)		Group 2A Group 3		X

**Reproductive toxicity:** This product does not contain any known or suspected reproductive hazards above the threshold value.  
**STOT - single exposure:** Not classified.  
**STOT - repeated exposure:** Not classified.  
**Aspiration hazard:** Not classified.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity:** 5.762% of the mixture consists of ingredient(s) of unknown toxicity



Section 12. Ecological Information

**Ecotoxicity:** Harmful to aquatic life with long lasting effects  
10.251% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability:** No information available.

**Bioaccumulation:** No information available.

**Other adverse effects:** No information available

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Not a regulated substance for transport

Section 15. Regulatory Information

**Ecotoxicity:** Harmful to aquatic life with long lasting effects  
10.251% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability:** No information available.

**Bioaccumulation:** No information available.

**Other adverse effects:** No information available

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 4/11/2017