

## SECTION 1: Identification

### 1.1. Identification

Product Name Clary sage essential oil, France  
CAS No. 8016-63-5

### 1.2. Recommended use and restrictions on use

Recommended Use Aromatic Ingredient (s). For Industrial Use Only.  
Uses advised against Do not ingest as such Avoid eye contact

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

### 1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

## SECTION 2: Hazard(s) identification

### OSHA Hazard Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1B
Flammable liquids	Category 3

### Label elements

Signal Word  
Danger

### **Hazard Statements**

Causes Skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Flammable liquid and vapor



### **Precautionary Statements – Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge

### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions 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 skin irritation or rash occurs: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
In case of fire: Use CO2, dry chemical, or foam for extinction

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### **Hazards not otherwise classified (HNOC)**

None known

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### Other Information

Harmful to aquatic life with long lasting effects Harmful to aquatic life.

### Interactions with Other Chemicals

No applicable

### Principle Routes of Exposure

No information available

## SECTION 3: Composition/information on ingredients

Component	CAS-No	Weight%	OHS Classification
Pinene, alpha	80-56-8	40% - 50%	Skin Irrit. 2 (H315) Skin Sens. 1B(H317) Aquatic Chronic 1 (H410) Aquatic Acute 1 (H400) Acute Tox. Oral 4 (H302) Asp. Tox. 1 (H304) Flam. Liq. 3 (H226)
Linalyl acetate	115-95-7	60% - 70%	Eye Irrit, 2A(H319) Aquatic Acute 3 (H402) Flam. Liq. 4 (H227) Skin Irrit. 2 (H315)
1,6-octadien-3-ol, 3,7-dimethyl	78-70-6	10%-20%	Skin Irrit. 2 (H315) Acute Tox. Oral 5 (H303) Skin Sens. 1B(H317) Eye Irrit, 2A(H319) Aquatic Acute 3 (H402) Flam. Liq. 4 (H227)
Caryophyllene beta	87-44-5	1.0%-5.0%	Skin Sens. 1B(H317) Asp. Tox. 1 (H304) SkinCorr. 3(H316)
1,6-octadiene, 7-methyl-3-methylene (b-myrcene)-(natural occurring)	123-35-3	1.0%-5.0%	Asp. Tox. 1 (H304) Eye Irrit, 2A(H319) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315)
3-cyclohexene-1-methanol, a,a,4-trimethyl	98-55-5	1.0% -5.0%	Flam. Liq. 4 (H227) Acute Tox. Oral 5 (H303) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401)
Geraniol	106-24-1	1.0%-5.0%	Skin Sens. 1 (H317) Acute Tox. Oral 5 (H303) Eye Dam. 1 (H318) Aquatic Acute 3 (H402) Skin Irrit. 2 (H315)
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (r)	5989-27-5	0.1% - 1.0%	Skin Irrit. 2 (H315) Aquatic Chronic 1 (H410) Skin Sens. 1B(H317) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Flam. Liq. 3 (H226)
2,6-octadien-1-ol,3,7-dimethyl acetate	105-87-3	0.1%-1.0%	Skin Sens. 1B(H317) Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Aquatic Acute 2 (H401)
Pinene, beta	127-91-3	0.1% - 1.0%	Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2(1-1315) Skin Sens. 1B (H317)
Pinene, alpha	80-56-8	0.1% - 1.0%	Asp. Tox. 1 (H304) Acute Tox. Oral 5 (H303) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)

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Nerol	106-25-2	<0.1%	Skin Sens. 1B(H317) Acute Tox. Oral 5 (H303) Eye Dam. 1 (H318) Aquatic Acute 2 (H401) Skin Irrit. 2 (H315)
4-Isopropylidene-1-methylcyclohexene	586-62-9	<0.1%	Asp. Tox. 1 (H304) Acute Tox. Oral 5 (H303) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 4 (H227) Skin Corr. 3 (H316) Skin Sens. 1B(H317)

## SECTION 4: First-aid measures

### First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water

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

Notes to Physician	Treat symptomatically.
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## SECTION 5: Fire-fighting measures

### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Water spray. Use: Dry chemical, alcohol-resistant foam.

### Unsuitable Extinguishing Media

Decomposition by contact with water may generate vapours which can be ignited by heat or open flame.

### Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

### Protective Equipment and Precautions 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	Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.
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### Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
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### Methods and material for containment and cleaning up

Methods for Clean-up	Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Dam up. Take precautionary measures against static discharges.
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## SECTION 7: Handling and storage

### Precautions for safe handling

#### Handling

Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. Use product only in closed system. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. - No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

### Conditions for safe storage, including any incompatibilities

#### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

## SECTION 8: Exposure controls/personal protection

### Control parameters

Exposure Guidelines

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Component	OSHA PEL (TWA)	ACGIH TLV (TWA)	ACGIH TLV (STEL)	California PEL (TWA)
Pinero, alpha 80-56-8	-	20 PPM	-	-
Pinene, beta 127-91-3	-	20 PPM	-	-

### Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

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

**Eye/face Protection** Tight sealing safety goggles.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory Protection** 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** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical State:** Liquid  
**Appearance:** Very light yellow  
**Odor:** Characteristic  
**Odor Threshold:** No information available

Property	Values	Remarks/ Method
pH	Not Determined	None known
Melting Point / Melting Range	Not Determined	None known
Boiling Point / Boiling Range (°C)	>35	None known
Flash Point:	57 °C / 135 °F	CC (closed cup)
Evaporation rate	Not Determined	None known
Flammability (solid, gas)	Not Determined	None known
Vapor Pressure (mm Hg @ 20°C):	Not Determined	None known
Vapor Density	Not Determined	None known
Relative density	Not Determined	None known
Specific Gravity @ 20/20 °C:	0.8950 – 0.9080	RTM-101
Water Solubility:	Not Determined	None known
Solubility in other solvents	Not Determined	None known
Partition coefficient: n-octanol/water	Not Determined	None known
Autoignition Temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Decomposition temperature	Not Determined	None known
Viscosity	Not Determined	None known
Explosive Properties	No information available	
Oxidizing Properties	No information available	

## SECTION 10: Stability and reactivity

### Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

### Chemical stability

Stable under normal conditions. Hazardous polymerisation does not occur.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Heating in air.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

None known based on information supplied.

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

#### Numerical measures of toxicity • Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 > 5000 mg/Kg

### SECTION 12: Ecological information

#### Ecotoxicity effects

None known

#### Persistence and degradability

No information available

#### Bioaccumulation/ Accumulation

No information available

#### Other adverse effects

No information available

### SECTION 13: Disposal considerations

#### Waste treatment methods

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal

### SECTION 14: Transport information

#### DOT

UN/ID No	1197
Proper shipping name	Extracts, flavoring, liq
Hazard Class	3
Packing Group	III

#### IMDG/IMO

UN/ID No	1197
Proper shipping name	Extracts, flavouring, liquid
Hazard Class	3
Packing Group	III
EmS No.	F-E, S-D

#### IATA/ICAO

UN-No	1197
Proper shipping name	Extracts, flavouring, liquid
Hazard Class	3
Packing Group	III

### SECTION 15: Regulatory information

#### USA

##### Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals

##### International Regulations

##### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the

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information required by the CPR

WHMIS Hazard Class

B3 Combustible liquid D2B Toxic materials



### SECTION 16: Other information

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.