



## CLARY SAGE OIL

*Salvia sclarea L. (Labiatae)*

Description: A pale yellow to yellow liquid with a characteristic odor. Clary Sage essential oil is obtained by steam distillation of the blossoms and leaves of *Salvia sclarea L. (Labiatae)*.

Date of Production: September, 2015

Expiration Date: September, 2018

Parameter	Results
Specific Gravity (20°C)	0.8941
Refractive Index (20°C)	1.4574
Optical rotation (20°C)	-12.8°

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Because this material is sensitive to oxidation, it is saturated with nitrogen and sealed with nitrogen atmosphere for protection. If containers are opened for sampling, be sure to refill atmosphere with nitrogen. Containers that have been opened should be tested at least yearly to ensure potency. Although Craftiviti Sdn. Bhd. believes the above information to be accurate based on the information available to Craftiviti, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Craftiviti meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Craftiviti Sdn. Bhd. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

# SAFETY DATA SHEET

## 01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Clary Sage Oil  
CAS NO.: 8016-63-5

## 02. HAZARD IDENTIFICATION

Classification in accordance with Regulation (EC) No 1272/2008

Skin corrosion/irritation, Hazard Category 2; Eye irritation, Hazard Category 2; Skin sensitization, Hazard Category 1; Hazardous to the aquatic environment – long-term hazard, category chronic 3.

Classification according to the Directive 67/548/EEC

HAZARD SYMBOLS: Xi, Irritant

RISK PHRASES: R38: Irritating to skin  
R43: May cause sensitization by skin contact  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

GHS Label elements, including precautionary statements



SIGNAL WORD:  
HAZARD STATEMENTS:

Warning  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H317: May cause an allergic skin reaction  
H412: Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+P352: If on skin, wash with plenty of soap and water  
 P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention  
 P273: Avoid release to the environment  
 P501: Dispose of contents/container in accordance with local, regional and national regulation  
 No data available

OTHER HAZARDS:

03. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

COMPONENT NAME:	CAS NUMBER:	%	SYMBOL(S)	R – AND H - PHRASES
Linalool	78-70-6	15 – 30%	Xi	R38, H315, H319
Geraniol	106-24-1	0 – 2%	Xi	R38, R41, R43, H315, H318, H317
Limonene	7705-14-8	0 – 1%	Xn, N	R10, R38, R43, R50/53, R65, H226, H315, H317, H410, H304
Linalyl acetate	115-95-7	50 – 65%	Xi	R38, H315, H319

04. FIRST AID MEASURES

Do not leave affected person unattended. Move out of the dangerous area.

EYE CONTACT:

In case of contact with eyes, flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

SKIN CONTACT:

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately.

INHALATION:

Remove victim out of the danger area and provide fresh air.

INGESTION:

If swallowed, rinse mouth.

INDICATION OF ANY IMMEDIATE MEDICAL

ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

## 05. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Foam, Extinguishing powder, Carbon Dioxide (CO<sub>2</sub>). Avoid full water jet.

SPECIAL HAZARDS:

In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be released. Burning produces heavy smoke.

ADVICE FOR FIREFIGHTERS:

Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus and personal protection equipment.

## 06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear personal protection equipment and avoid contact with skin, eye and clothing. Provide adequate ventilation and keep people away from the hazard area.

ENVIRONMENTAL PRECAUTIONS:

Do not allow spill to enter into surface water or drains. Cover drains and prevent spread over a wide area (i.e. by containment or oil barriers)

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Absorb spill with liquid-binding material (i.e. sand, diatomaceous earth, acid or universal binding agents)

REFERENCE TO OTHER SECTIONS:

See protective measures under sections 7 and 8.

## 07. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Wear personal protective clothing (see section 8). Use only in well-ventilated areas and do not breathe gas/fume/vapor/spray. When using do not eat, drink, smoke, or sniff. Take precautionary measures against static discharges.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep container tightly closed in a cool, well-ventilated place.

## 08. EXPOSURE CONTROL S/ PERSONAL PROTECTION

Technical measures and the application of suitable work processes have priority over personal protection equipment.

RESPIRATORY PROTECTION:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

HAND PROTECTION:

Use solvent and acid resistant gloves according to EN 374. The quality of the chemical resistant protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Take recovery periods for skin regeneration.

EYE PROTECTION:

Use protective goggles according to EN166.

ENVIRONMENTAL EXPOSURE CONTROLS:

See sections 6 and 7

## 09. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

COLOR:

Colorless to slightly yellowish

ODOR:

Characteristic

pH VALUE:

Neutral

EXPLOSIVE PROPERTIES:

No data available

UPPER EXPLOSION LIMIT (VOL-%):

No data available

LOWER EXPLOSION LIMIT (VOL-%):

No data available

IGNITION TEMPERATURE IN °C:

No data available

FLASH POINT (°C):

77- 83°C

SOLUBILITY IN ETHANOL 90% (V/V):

In 1:3 – with a slight opalescence

WATER SOLUBILITY (g/l):

Insoluble

## 10. STABILITY & REACTIVITY

REACTIVITY:

Avoiding of strong oxidizing agents, strong reducing agents, acids, bases, acid anhydride and alkali metals

CHEMICAL STABILITY:

Product is stable at room temperature

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions expected if used according to specifications

CONDITIONS TO AVOID:

Temperatures more than room temperature will benefit the transfer from liquid to vapor phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

INCOMPATIBLE MATERIALS:

No data available

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

LD50 (oral) in mg/kg: >5600

LD50 (dermal) in mg/kg: >2000

12. ECOLOGICAL INFORMATION

TOXICITY:	No data available
PERSISTENCE AND DEGRADABILITY:	No data available
BIOACCUMULATIVE POTENTIAL:	No data available
MOBILITY IN SOIL:	No data available
RESULTS OF PBT AND vPvB ASSESSMENT:	No data available
OTHER ADVERSE EFFECTS:	No data available

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	Hazardous waste according to waste regulation. Dispose of according to legislation. Deliver to an approved waste disposal company. Non-contaminated packages may be recycled.
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14. TRANSPORT INFORMATION

UN NUMBER:	Not a dangerous good in this transport regulation
UN PROPER SHIPPING NAME:	Not a dangerous good in this transport regulation
TRANSPORT HAZARDS CLASS(ES):	Not a dangerous good in this transport regulation
PACKING GROUP:	Not a dangerous good in this transport regulation
ENVIRONMENTAL HAZARDS:	Not a dangerous good in this transport regulation
SPECIAL PRECAUTIONS FOR USER:	See sections 6 to 8.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Packed and transferred according to transport regulations

15. REGULATORY INFORMATION

REGULATION NO 1005/2009:	Not applicable
REGULATION NO 850/2004:	Not applicable
REGULATION NO 648/2004:	Not applicable
REGULATION NO 689/2008:	Not applicable
NATIONAL REGULATIONS:	WGK: Water hazard class WGK 1: Slightly hazardous to water

16. OTHER INFORMATION

HAZARD STATEMENTS LISTED IN SECTION 3:

R10: Flammable

R41: Risk of serious damage to eyes

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65: May cause lung damage if swallowed

H226: Flammable liquid and vapor

H304: May be fatal if swallowed and enters airways

H318: Causes serious eye damage

H410: Very toxic to aquatic life with long lasting effects