



MATERIAL SAFETY DATA SHEET
According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

1.1 PRODUCT IDENTIFIER

Product Name	Clary Sage Essential Oil
Biological Definition	Salvia Sclarea Oil is a volatile oil obtained from the Clary Sage, Salvia Sclarea L., Lamiaceae
INCI Name	Salvia Sclarea Oil
Synonyms & Trade Names	-
Internal Product Code	TCDL-CESS-BOWL-NCSA
CAS Number	8016-63-5 / 84775-83-7
EC Number	283-911-8
EINECS Number	283-911-8
REACH Status	Exempt <1T PA

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	01376 560 348



SECTION 2: HAZARD IDENTIFICATION


2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The full text for all hazard statements are displayed in Sec.16

Classification (EU 1272/2008)	Combustible Liquid (Cat. 3): H227 Skin Irritation (Cat. 2): H315 Skin Sensitivity (Cat. 1): H317 Causes serious eye irritation: H319 Aquatic Chronic (Cat. 3): H412
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2.2 LABEL ELEMENTS

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

GHS Label:	 GHS07
Signal word:	Warning
Contains	This is a natural substance extracted by steam distillation of the freshly picked tops of the botanical <i>Salvia Sclarea</i> , Labiatae. The substance has a natural variability in its composition.
Hazard Statements:	H227: Combustible liquid H315: Causes skin irritation H317: May cause an allergic skin reaction H319: Causes serious eye irritation H412: Harmful to aquatic life with long lasting effects
Precautionary Statements:	P262: Do not get in eyes, on skin or on clothing P280: Wear protective gloves/clothing/eye-protection/face protection 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
Supplementary Precautionary Statements:	No additional data available.
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.
Other Hazards	Clary Sage Essential Oil contains below 10% total hydrocarbons (normally 5%)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

56 to 78% linalyl acetate: CAS 115-95-7, EC 204-116-4; Skin Irrit. 2, H315; Eye Irrit. 2, H319

13 to 24% linalool: CAS 78-70-6, EC 201-134-4, Skin Irrit. 2, H315; Eye Irrit. 2, H319

1 to 12% germacrene-D CAS 37839-63-7, not classified

0.5 to 5% alpha-terpineol : CAS: 98-55-5, EC: 202-680-6, Skin Irrit. 2 H315, Eye Irrit. H319

0 to 2.2% geraniol: CAS: 106-24-1, EC: 203-377-1, Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1 H318

tr to 1% limonene: CAS 5989-27-5; Flam Liq 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410



SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Give a glass of water. See a doctor immediately.
Skin Contact	Wash well with water.
Eye Contact	Flush eyes with water for 15 minutes. If irritation persists see a doctor.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

Stinging sensation

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use foam, dry powder, carbon dioxide or vaporising liquids

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

May produce fumes of carbon monoxide and carbon dioxide. Moderate explosion hazard when exposed to flame

5.3 ADVICE FOR FIRE FIGHTERS

Containers close to fire should be removed or cooled with water. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate protective clothing. Shut off all sources of ignition

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto ground

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

For small spills, wash area with detergent and water.

For large spills, contain with earth, sand or similar inert absorbent material and both liquids and solids transferred to salvage containers and arrange disposal by disposal company. Wash spilled area thoroughly with water and detergent.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE



7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, eye and skin contact. Use only in a well-ventilated area. Keep away from heat or flame. Wash area well with hot water and detergent and check for residual vapours with an explosion meter before carrying out maintenance.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Must be stored and transported in accordance with local regulations for hazardous liquids. Store in tightly closed container in a dry, cool and well ventilated place. Protect from freezing and direct sunlight.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	Use only in well-ventilated area
Respiratory Equipment	None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.
Hand Protection	Use chemical resistant gloves.
Eye Protection	Use safety goggles.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	No additional data available.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Mobile Liquid
Colour	Colourless to yellow
Odour	Herbaceous characteristic
Relative Density @ 20°C	0.886 – 0.929
Refractive Index @ 20°C	1.455 – 1.473
Flash Point (°C)	79°C - Closed Cup method
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Not soluble in water, soluble in alcohol
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

Product is stable under normal temperature conditions

10.3 POSSIBLE HAZARD REACTIONS

Hazardous polymerisation does not occur

10.4 CONDITIONS TO AVOID

Keep away from heat or flame. Use only in a well-ventilated area.

10.5 INCOMPATIBLE MATERIALS

Oxidising Agents, strong acids, strong alkalis

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May produce carbon monoxide and carbon dioxide upon decomposition



SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXOLOGICAL EFFECTS

Acute toxicity	No additional data available.
Skin corrosion / irritation	Skin Irritation: skin irritation in rabbits 500 mg/24 hours - moderate.
Serious eye damage/irritation	Eye: irritant
Respiratory or skin sensitisation	Swallowed: Rat (M/F) LD50 5600 mg/kg. Inhalation: Dangerous for respiratory system / organs. Skin Sensitivity: contains allergens.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Fish Toxicity: 96-hour flow-through test with carps (*Cyprinus carpio*), fish were exposed to 10, 18, 32, 56 and 100 mg/L (nominal concentrations). Mean measured concentrations were 7.9, 12.3, 20.1, 27.3 and 27.2 mg/L. At the highest concentrations (32 mg/L and above) all fish died ... At all concentrations hypoactive swimming behavior, loss of equilibrium and/or immobility was observed.

12.2 PERSISTENCE AND DEGRADABILITY

Regarded as readily biodegradable.

12.3 BIOACCUMULATION POTENTIAL

The estimated potential for bio-concentration in aquatic organisms is high (estimated BCF of 212)

12.4 MOBILITY IN SOIL

Slight mobility based upon Koc of 3270

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

No additional data available

12.6 OTHER ADVERSE EFFECTS

No additional data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Regulations for Disposal generally vary according to location. Contact local waste disposal authority for advice, or pass to a chemical disposal company. Ensure compliance with local, state and federal regulations. Waste is suitable for incineration



SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	This product does not require a classification for transport.
UN No. Sea	This product does not require a classification for transport.
UN No. Air	This product does not require a classification for transport.

14.2 UN PROPER SHIPPING NAME

None

14.3 TRANSPORT HAZARD CLASS(ES)

None

14.4 PACKAGING GROUP

None

14.5 ENVIRONMENTAL HAZARDS

None

14.6 SPECIAL PRECAUTIONS FOR USER

No additional data available.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H227: Combustible liquid H315: Causes skin irritation H317: May cause an allergic skin reaction H319: Causes serious eye irritation H412: Harmful to aquatic life with long lasting effects P262: Do not get in eyes, on skin or on clothing P280: Wear protective gloves/clothing/eye-protection/face protection 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
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.



KERFOOT

Avril GROUP

Version	4
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Reason for Revision	Full update

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