

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Clary Sage Oil**

PRODUCT CODE: **144**

SUPPLIER: Original Swiss Aromatics, 602 Freitas Pkwy, San Rafael, CA 94903

Phone: (415) 479-9120 Fax: (415) 479-0614

Emergency Tel No: **CHEMTREC 24-HOUR EMERGENCY RESPONSE**

TOLL FREE NUMBER: (800) 424-9300

CHEMTREC should only be contacted in the event of chemical emergencies involving spill, leak, fire, exposure, or accident involving chemicals

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

DEFINITION/BOTANICAL ORIGIN: Volatile oil obtained by steam distillation of the flowering tops and foliage of cultivated *Salvia sclarea*. (Fam. Lamiaceae).

CAS No: 8016-63-5
Status: natural
FEMA: 2321
Additives: none
INCI name: *Salvia sclarea*
Application: FragranceRawMaterial

SECTION 3 - HAZARDS IDENTIFICATION

R10 Flammable liquid

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice immediately.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface and groundwater.

CLEANING UP METHODS: Remove all potential ignition sources. Contain spilled material.

FOR SPILLAGES: Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	Avoid breathing product vapor. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR:	Yellow-green
APPEARANCE:	Mobile liquid
ODOR:	Herbaceous, characteristic of Clary Sage
FLASH-POINT °C :	57 (134.6°F)
REFRACTIVE INDEX @ 20°C (68°F):	1.458 to 1.473
SPECIFIC GRAVITY @ 20°C (68°F):	0.886 to 0.929
OPTICAL ROTATION @ 20°C (68°F):	-20° to -6°
SOLUBILITY IN 90% ETHANOL @ 20°C (68°F):	1 + 3 becoming opalescent on further dilution.
SOLUBILITY IN VEGETABLE OILS:	Soluble
SOLUBILITY IN WATER:	Insoluble

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: Carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute oral LD₅₀: >5g/Kg. Non-toxic properties reported, but found moderately irritating to skin. See RIFM monographs (1974) FCT 12, (Suppl.) 865 & (1982) FCT 20, 823.

SECTION 12 - ECOLOGICAL INFORMATION

BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

SECTION 13 - DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SECTION 14 - TRANSPORT INFORMATION

Handle according to good safety procedures avoiding any unnecessary exposure. Store in full closed containers away from heat, light and source of ignition. Store in cool area

SECTION 15 - REGULATORY INFORMATION

HAZARDS:	Flammable liquid
SYMBOLS:	
RISK PHRASES:	R10 Flammable liquid
SAFETY PHRASES:	S16 Keep away from sources of ignition: No Smoking

SECTION 16 - OTHER INFORMATION

Abbreviations used in preparation of MSDS:

CAS No.	CAS Registration number is an assigned number to identify a material. CAS stands for Chemical Abstracts Service
FEMA	Federal Emergency Management Center
INCI	International Nomenclature of Cosmetic Ingredients
N/A	Not Applicable
R-Phrases	Risk phrases
S-Phrases	Safety phrases
F/HDPE	High-density polyethylene
HPPE	Higher performance polyethylene
Q.C.	Quality Control

PACKAGING:

Type	Suitability
Glass	YES
Lacquer lined steel/tin	YES
Aluminum	YES
HPPE	NO
F/HDPE	YES
Other plastic	NO

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

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