


MATERIAL SAFETY DATA SHEET

01. 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	Clary Sage Oil				
CAS-No	84649-86-5 / 8015-92-7	EC No.	283-911-8	EINECS No.	283-911-8
1.2	Relative identified uses of the substance and uses advised against				
	No additional data available.				
1.3	Details of the supplier of the safety data sheet				
	NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR				
1.4	Emergency Tel. No.		+44(0)1603 610883		

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements is displayed in Section 16.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards: This mixture does not present a physical hazard. Human health Asp: Skin irritation, Category 2 (Skin Irrit. 2, H315). Eye irritation, Category 2 (Eye Irrit. 2, H319). Skin sensitisation, Category 1 (Skin Sens. 1, H317). Environment: This mixture does not present an environmental hazard.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
 GHS07	
Signal Word	Warning
Contains	EC 203-377-1 GERANIOL
Hazard Statements	
H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.	

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. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention	
Supplementary Precautionary Statements	
None	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

50.0-100% Linalyl Acetate CAS-No.: 115-95-7 EC No.: 204-116-4 Classification (EC 1272/2008) GHS07, Wng. Eye Irrit. 2, H319, Skin Irrit. 2, H315
15.0-30.0% Linalool CAS-No.: 78-70-6 EC No.: 201-134-4 Classification (EC 1272/2008) GHS07, Wng. Eye Irrit. 2, H319, Skin Irrit. 2, H315
<2.5% Geraniol CAS-No.: 106-24-1 EC No.: 204-377-1 Classification (EC 1272/2008) GHS05, GHS07, Dgr. Skin Irrit. 2, H315, Skin Sens. 1, H317, Eye Dam.1, H318
<2.5% Geranyl Acetate CAS-No.: 105-87-3 EC No.: 203-341-5
<2.5% Alpha Terpineol CAS-No.: 98-55-5 EC No.: 202-680-6 Classification (EC 1272/2008) GHS07, Wng. Eye Irrit. 2, H319, Skin Irrit. 2, H315
< 2.5% D-Limonene CAS-No.: 5989-27-5 EC No.: 22-813-5 Classification (EC 1272/2008) GHS08, GHS02, GHS07, GHS09, Dgr. Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 1. Aquatic Chronic 1, H410, M Chronic = 1

04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
4.2	Most important symptoms and effects, both acute and delayed
	No additional data available.

05. FIRE-FIGHTING MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
	Wear protective clothing as described in Section 8 of this safety data sheet.
6.2	Environmental Precautions
	Do not discharge into drains, water courses or onto the ground.
6.3	Methods and material for containment and cleaning up.
	Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
6.4	Reference to other
	No additional data available.

07. HANDLING AND STORAGE

7.1	Precautions for safe handling
	Requirements relating to storage premises apply to all facilities where the substance is handled. Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance. Always wash hands after handling. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-using. Prevent access by unauthorised personnel. No smoking, eating or drinking in areas where the substance is used
7.2	Conditions for safe storage, including any incompatibilities
	Keep product well sealed, in a dry, ventilated area and protected from light. Keep away from food, drink and animal feeding stuffs. Stock according to local/national regulations and always follow the precautions indicated on labels. Always keep in packaging made of an identical material to the original.
7.3	Specific end use(s)
	No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters
	Derived no effect level (DNEL) or derived minimum effect level (DMEL): Workers
	Exposure method: Dermal contact.
	Potential health effects: Short term systemic effects.
	DNEL: 5 mg/kg body weight/day
	Exposure method: Dermal contact.
	Potential health effects: Short term local effects.
	DNEL: 15 mg of substance/cm ²
	Exposure method: Dermal contact.
	Potential health effects: Long term systemic effects.
	DNEL: 2.5 mg/kg body weight/day
	Exposure method: Dermal contact.
	Potential health effects: Long term local effects
	DNEL: 15 mg of substance/cm ²
	Exposure method: Dermal contact.

Abbey Essentials

Potential health effects: Short term systemic effects.
 DNEL: 2.5 mg/kg body weight/day
 Exposure method: Dermal contact.

Potential health effects: Long term local effects.
 DNEL: 15 mg of substance/cm²
 Exposure method: Inhalation.

Potential health effects: Long term local effects.
 DNEL: 16.5 mg of substance/cm²
 Exposure method: Inhalation.

Potential health effects: Long term local effects.
 DNEL: 2.8 mg of substance/cm²

Consumers

Exposure method: Ingestion.
 Potential health effects: Short term systemic effects.
 DNEL: 1.2 mg/Kg body weight/day
 Exposure method: Ingestion.

Potential health effects: Long term systemic effects.
 DNEL: 0.2 mg/kg body weight/day
 Exposure method: Dermal contact.

Potential health effects: Short term systemic effects.
 DNEL: 2.5 mg/kg body weight/day
 Exposure method: Dermal contact.

Potential health effects: Short term local effects.
 DNEL: 15 mg of substance/cm²
 Exposure method: Dermal contact.

Potential health effects: Long term systemic effects
 DNEL: 1.25 mg/kg body weight/day
 Exposure method: Dermal contact.

Potential health effects: Long term local effects.
 DNEL: 15 mg of substance/cm²
 Exposure method: Dermal contact.

Potential health effects: Short term systemic effects.
 DNEL: 2.5 mg/kg body weight/day
 Exposure method: Dermal contact.

Potential health effects: Short term local effects.
 DNEL: 15 mg of substance/cm²
 Exposure method: Inhalation.

Potential health effects: Short term systemic effects
 DNEL: 4.1 mg of substance/m³
 Exposure method: Inhalation.


Potential health effects: Long term systemic effects.
 DNEL: 0.7 mg of substance/m³
 Exposure method: Inhalation.

Potential health effects: Short term systemic effects.
 DNEL: 4.1 mg of substance/m³
 Exposure method: Inhalation.

Potential health effects: Long term systemic effects.
 DNEL : 0.7 mg of substance/m³

8.2 Exposure controls

Protective Equipment

	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation. Respiratory equipment. Self-contained breathing apparatus.
Respiratory Equipment	Protection not required if good ventilation is maintained. Use inhalation protection in poorly ventilated areas.
Hand Protection	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear Liquid
Colour	Colourless to yellow-brown, often pale yellow
Odour	Characteristic, Sweet, herbaceous, amber clinging
Relative Density	Approx. 0.910 @ 20°C
Flash Point (°C)	81
Refractive Index	Approximately 1.465 @ 20°C
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	No additional Data available
Auto-ignition temperature (°C)	No additional Data available
9.2 Other information	
No additional data available.	

10.1 Reactivity

Stable under the recommended handling and storage conditions.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
No additional data available.
10.4 Conditions to Avoid
No additional data available.

10.5 Incompatible materials
No additional data available.
10.6 Hazardous Decomposition Products
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	ALPHA-TERPINEOL (CAS: 98-55-5) Oral route : LD50 = 4300 mg/kg GERANIOL (CAS: 106-24-1) Oral route : LD50 = 4200 mg/kg LINALOOL (CAS: 78-70-6) Oral route : LD50 = 2790 mg/kg
Skin corrosion / irritation	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	Sensitisation possible through skin contact.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No additional data available.
12.2 Persistence & degradability
Degradability: No additional data available.
12.3 Bioaccumulation Potential
Bioaccumulative potential: No data available on bioaccumulation.

12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not bound by transport regulations
UN No. SEA	Not bound by transport regulations
UN No. AIR	Not bound by transport regulations
14.2 UN proper shipping name	
Not bound by transport regulations	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	Not bound by transport regulations
ICAO Class/Division:	Not bound by transport regulations
IMDG Class:	Not bound by transport regulations
Transport Labels	Not bound by transport regulations
14.4 Packing group	
ADR/RID/ADN Packing group	Not bound by transport regulations
IMDG Packing group	Not bound by transport regulations
ICAO Packing group	Not bound by transport regulations
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	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance	
<p>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.</p>	
15.2 Chemical safety assessment	
No additional information available.	

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation
Other Information	None.
Revision Date	20/7/2017
Reason for revision	
Rev No/Repl, SDS Generated	Updated New Format SDS.