





## MATERIAL SAFETY DATA SHEET

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>				
Product Name		Sage Essential Oil		
Biological Definition		Extracted by steam distillation of the dried leaves of <i>Salvia officinalis</i> of the Labiatae family		
INCI Name		Salvia officinalis (Sage) Oil		
Synonyms & Trade Names		-		
CAS-No	8022-56-8	EC No.	308-365-0	EINECS No. 308-365-0 -
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>				
No further information available.				
<b>1.3 Details of the supplier of the safety data sheet</b>				
NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR				
<b>1.4 Emergency Tel. No.</b>		+44(0)1603 610883		

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>			
The Full Text for all Hazard Statements is displayed in Section 16.			
Classification (EC 1272/2008)			
Physical and Chemical Hazards: Flam. Liq. 3 - H226 Human health: Acute Tox. 4 - H302. Skin Corr. 1B H314 Eye Irrit. 2 - H319. Skin Sens. 1 - H317. Asp. Tox. 1 - H304.			
<b>2.2 Label Elements</b>			
Label in accordance with (EC) No 1272/2008			
GHS08 	GHS02 	GHS09 	GHS07 
Signal Word			
Danger			
Contains			
Thuyone, 1,8-Cineole -			
<b>Hazard Statements</b>			
<p>H226 Flammable liquid and vapour. H302 Harmful if swallowed.  H304 May be fatal if swallowed and enters airways.  H314 Causes skin irritation.  H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.  H314 Causes Severe skin burns and eye damage  H332 Harmful if inhaled.  H371 May cause damage to organs  H401 Toxic to aquatic life.  H411 Toxic to aquatic life with long lasting effects.</p>			

## Precautionary Statements

P210 Keep away from heat, sparks, open flames or hot surfaces. -No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground/bond container and receiving equipment.  
 P241 Use explosion-proof electrical, ventilating, lighting, communication, equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P260 Do not breathe dust, fume, gas, mist, vapours, spray.  
 P261 Avoid breathing dust, fumes gas, mist, vapours, spray.  
 P264 Wash parts in contact thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves, protective clothing, eye protection, face protection.

## Supplementary Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.  
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P240 Ground/bond container and receiving equipment.  
 P233 Keep container tightly closed.  
 P242 Use only non-sparking tools.  
 P273 Avoid release to the environment.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see on this label).  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P363 Wash contaminated clothing before reuse.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.  
 P391 Collect spillage.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P310 Immediately call a POISON CENTER/doctor.

## 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.

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.2 Mixtures</b>
<b>15-55% Thuyone</b> (CAS : 546-80-5) 1999/45/CE : Xn;R22; GHS : ATO 4 (500), FL 4
<b>2.5-30% Camphre</b> (CAS : 76-22-2) 1999/45/CE : F; Xn; R11; R20/22;R68/22;S09; S16; S36/37 GHS : ATI 4 (1.5), ATO 4 (1,500), EH-A 3, FL 2, STO-SE 2
<b>2.5-15% Pinènes</b> (CAS:80-56-8 (alpha)+127-91-3(beta)) 1999/45/CE: N; XI; XN; R10; R38; R43; R50/53; R65; S24; S36/3 ; S62 GHS: AH1, ATO5 (3,500), EH-A 1, EH-C 1, FL 3, SCI 2, SS 1
<b>5-15% Cinéol-1,8</b> (CAS:470-82-6) 1999/45/CE: R10; GHS: ATO5(2,500), FL 3, SCI 3
<b>1-10% Betacaryophyllene</b> (CAS:87-44-5) 1999/45/CE: Xn; R65; S62 GHS: AH 1, SCI 3
<b>1-10% Camphène</b> (CAS:79-92-5) 1999/45/CE: F; N; Xi; R11; R36; R43; R50/53; S09; S16; S24; S26; S37; S61 GHS: EDI2A, EH-A1,EH-C1, FL 3, SCI 3, SS 1
<b>0.5-5% Limonène</b> (CAS:138-86-3) 1999/45/CE: N; XN; R10; R38; R43; R50/53; R65; S02; S24; S37; S60; S61; S62 GHS: AH 1, EH-A 1, EH-C 1, FL 3, SCI 2, SS 1
<b>~2% Bornéol</b> (CAS:507-70-0) 1999/45/CE: F; R11; S26 GHS: FL 2,SCI 3

## 04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Seek medical assistance immediately. Rinse mouth and drink plenty of water. Keep patient under observation.
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.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
4.2	<b>Most important symptoms and effects, both acute and delayed</b>
	No additional data available.
4.3	<b>Indication of any immediate medical attention and special treatment needed</b>
	No additional data available.

## 05. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	Do not use a direct stream of water to extinguish. Use: Powder. Carbon dioxide (CO <sub>2</sub> ).
<b>5.2 Special hazards arising from the product</b>	Specific hazards: When heated and in case of fire, toxic vapours/gases may be formed.
<b>5.3 Advice for firefighters</b>	Protective equipment for fire-fighters: Wear Self-contained breathing apparatus. Wear chemical protective clothing.


## 06. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>6.2 Environmental Precautions</b>	Do not discharge into drains, water courses or onto the ground.
<b>6.3 Methods and material for containment and cleaning up.</b>	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.
<b>6.4 Reference to other sections</b>	Refer to Section 8 for information on personal protection equipment.

## 07. HANDLING AND STORAGE

7.1	Precautions for safe handling
	Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
7.2	Conditions for safe storage, including any incompatibilities
	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flames Store separate from strong oxidising agents.
7.3	Specific end use(s)
	No additional data available

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	-
<b>8.2 Exposure controls</b>	
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

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid
Colour	Pale red to red.
Odour	Characteristic, strong
Relative Density @ 20°C	0.89 - 0.93
Flash Point (°C)	55
Refractive Index @ 20°C	1.455 -1.490
Melting Point (°C)	Not determined.
Boiling Point (°C)	Not determined.
Vapour Pressure	Not determined.
Solubility in Water @20°C	Not miscible or difficult to mix.
Auto-ignition temperature (°C)	Not determined.

<b>9.2 Other information</b>
No additional data available.

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>
No additional data available.
<b>10.2 Chemical stability</b>
Stable under the recommended handling and storage conditions.
<b>10.3 Possible hazardous reactions</b>

No additional data available.	
<b>10.4</b>	<b>Conditions to Avoid</b>
Avoid heat, sparks and open flames.	
<b>10.5</b>	<b>Incompatible materials</b>
<b>Materials to Avoid:</b> Strong oxidising agents.	
<b>10.6</b>	<b>Hazardous Decomposition Products</b>
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Oral - LD50 - 1500g/kg Rat
Skin corrosion / irritation	Caustic effect on skin and mucous membranes.
Serious eye damage / irritation	Can cause irritation
Respiratory or skin sensitisation	Acute toxicity, inhalation DL50 (mg/Kg): 3.
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.
Photo-toxicity	No additional data available.
Other Information	Harmful: could cause lung damage if swallowed. Could cause chemical burns in mouth, oesophagus and stomach.

## 12. ECOLOGICAL INFORMATION



<b>12.1</b>	<b>Toxicity</b>
No additional data available.	
<b>12.2</b>	<b>Persistence &amp; degradability</b>
No additional data available.	
<b>12.3</b>	<b>Bioaccumulation Potential</b>
No additional data available.	
<b>12.4</b>	<b>Mobility in soil</b>
No additional data available.	
<b>12.5</b>	<b>Results of PBT and vPvB Assessment</b>
No additional data available.	
<b>12.6</b>	<b>Other adverse effects</b>
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	

## 13. DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>Waste treatment methods</b>
Dispose of in compliance with all local and national regulations.	

## 14. TRANSPORT INFORMATION

<b>14.1</b>	<b>UN number</b>
UN No. Road	1169
UN No. SEA	1169
UN No. AIR	1169

<b>14.2 UN proper shipping name</b>	
UN 1169 EXTRACTS ,AROMATIC, LIQUID	
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN Class:	3
ICAO Class/Division:	3
IMDG Class:	3
Transport Labels	
	
<b>14.4 Packing group</b>	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous Substance/Marine Pollutant	
	
<b>14.6 Special precautions for user</b>	
EMS F-A-S-F	
Hazard No. (ADR) 9	
Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.	
Tunnel Restriction Code (E)	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

# Abbey Essentials

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H371 May cause damage to organs H401 Toxic to aquatic life. H411 Toxic To aquatic life with long lasting effects.
Other Information	None.
Revision Date	20/10/2015
Reason for revision	Updated New Format SDS.
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