


## MATERIAL SAFETY DATA SHEET

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

<b>1.1 Product Identifier</b>					
Product Name		Oakmoss Oil			
Biological Definition		Evernia Prunastri Extract is an extract of the aerial parts of the Oakmoss, Evernia prunastri, Usneaceae			
INCI Name		Evernia prunastri			
Synonyms & Trade Names		-			
CAS-No	90028-68-5 /9000-50-4 / 68917-10-2	EC No.	289-861-3	EINECS No.	289-861-3
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No additional data 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)	
<p>Skin sensitisation, Category 1 (Skin Sens. 1, H317).            This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.            This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.</p>	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS07 	
Signal Word	Warning
Contains	EC 289-861-3 OAKMOSS ABSOLUTE.
<b>Hazard Statements</b>	
H317 May cause an allergic skin reaction	

### Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/clothing/eye wear/face protection  
 P302 + P352 if on skin: Wash with plenty of water  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

### 2.3 Other Hazards

PBT or vPvB according to Annex XIII	The mixture satisfies neither the PBT nor the vPvB criteria for mixtures 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

<b>3.2 Mixtures</b>	
<b>50.0 - 100.0% Oakmoss Absolute</b> CAS-No: 68917-10-2 EC No: 289-861-3 Classification (EC 1272/2008) Skin Sens. 1, H317	
<b>5.0 – 10.0% Ethanol</b> CAS-No: 64-17-5 EC 200-578-6 Classification (EC 1272/2008) -	
<b>2.5-10.0% Hydrocarbons</b> CAS-No: - EC: - Classification (EC 1272/2008) Asp. Tox.1, H304	

### 04. FIRST AID MEASURES

<b>4.1</b>	<b>Description of first aid measures</b>
Inhalation	No additional data available
Ingestion	Do not give the patient anything orally In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.
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. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted, or the patient transferred to hospital.
Eye Contact	Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
	No additional data available.
<b>4.3</b>	<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>
In the event of a fire, use: Sprayed water or water mist Alcohol resistant foam Multipurpose ABC powder BC powder Carbon Dioxide Do Not Use: Water jet.
<b>5.2 Special hazards arising from the product</b>
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: Carbon monoxide Carbon dioxide
<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>
Consult safety measures listed in Section 7 & 8 of this safety data sheet. For non first aid workers: Avoid contact with the skin and eyes  For first aid workers: Be equipped with the PPE listed in Section 8
<b>6.2 Environmental Precautions</b>
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.
<b>6.3 Methods and material for containment and cleaning up.</b>
Clean preferably with a detergent, do not use solvents.
<b>6.4 Reference to other sections</b>
No additional data available.



## 07. HANDLING AND STORAGE

<b>7.1</b>	<b>Precautions for safe handling</b>
	<p>Always wash hands after handling.            Remove and wash contaminated clothing before re-using            Ensure that there is adequate ventilation, especially in confined areas            Fire prevention:            Handle in well-ventilated areas.            Prevent access by unauthorised personnel</p> <p>Recommended equipment and procedures:            For personal protection, see section 8.            Observe precautions stated on label and also industrial safety regulations.            Packages which have been opened must be reclosed carefully and stored in an upright position.</p> <p>Prohibited equipment and procedures:            No smoking, eating or drinking in areas where the mixture is used.</p>
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	<p><b>Storage</b>            Keep the container tightly closed in a dry, well-ventilated place.            The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.</p> <p><b>Packaging</b>            Always keep in packaging made of an identical material to the original.</p>
<b>7.3</b>	<b>Specific end use(s)</b>
	No additional data available.

## 08 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1</b>	<b>Control parameters</b>					
	CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
	84-66-2	5 mg/m3	-	-	-	-
	- France (INRS - ED984 :2008):					
	CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes: TMP No:
	84-66-2	-	5	-	-	-
	- UK / WEL (Workplace exposure limits, EH40/2005, 2007):					
	CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
	84-66-2	5 mg/m3	10 mg/m3	-	-	-
<b>8.2</b>	<b>Exposure controls</b>					
	Protective Equipment					

# Abbey Essentials

		
Process Conditions	Provide eyewash station. Wash hands before breaks and at the end of work.	
Engineering Measures	Provide adequate ventilation.	
Respiratory Equipment	Not required.	
Hand Protection	<p>Wear suitable protective gloves in the event of prolonged or repeated skin contact. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.</p> <p>Gloves must be selected according to the application and duration of use at the workstation.</p> <p>Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.</p> <p>Type of gloves recommended: Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))</p> <p>Recommended properties: Impervious gloves in accordance with standard EN374 calculated in advance and has therefore to be checked prior to the application.</p> <p>Penetration time of glove material. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>	
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.	
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact. Immediately remove all soiled and contaminated clothing.	
Hygiene Measures	Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas	
Personal Protection	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.	
Skin Protection	<p>Avoid skin contact.</p> <p>Wear suitable protective clothing.</p> <p>Suitable type of protective clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.</p> <p>Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.</p>	
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	Viscous liquid.
Colour	Dark brownish to green.
Odour	Characteristic
Relative Density	0.900-1.150
Flash Point (°C)	95
Refractive Index	1.4800-1.5140
Melting Point (°C)	Not relevant.
Boiling Point (°C)	Not relevant.
Vapour Pressure	Not relevant.
Solubility in Water @20°C	Insoluble in water
Auto-ignition temperature (°C)	Not relevant.

<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>	
When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.	
<b>10.4 Conditions to Avoid</b>	
Exposure to light	
<b>10.5 Incompatible materials</b>	
Materials to Avoid: Bases, strong reducing and oxidising agents.	
<b>10.6 Hazardous Decomposition Products</b>	
The thermal decomposition may release/form: carbon monoxide (CO) carbon dioxide (CO <sub>2</sub> ).	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	OAKMOSS OIL (CAS: 68917-10-2) Oral route: LD50 = 2900 mg/kg.
Skin corrosion / irritation	May cause an allergic reaction by skin contact.
Serious eye damage / irritation	Splashes in the eyes may cause irritation and reversible damage.
Respiratory or skin sensitisation	No additional data available.
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	None

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No aquatic toxicity data available for the mixture.
<b>12.2 Persistence &amp; degradability</b>	HYDROCARBONS Biodegradability: no degradability data is available; the substance is considered as not degrading quickly.
<b>12.3 Bioaccumulation Potential</b>	No additional data available.
<b>12.4 Mobility in soil</b>	No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>	No additional data available.
<b>12.6 Other adverse effects</b>	No additional data available.

## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Do not pour into drains or waterways. <b>Waste:</b> Waste management is carried out without endangering human health, without harming the environment and, without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. <b>Soiled packaging:</b> Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

## 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	Not regulated.
UN No. SEA	Not regulated.
UN No. AIR	Not regulated.
<b>14.2 UN proper shipping name</b>	
None	
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN Class:	Not required
ICAO Class/Division:	Not required
IMDG Class:	Not required
Transport Labels	
<b>14.4 Packing group</b>	
ADR/RID/ADN Packing group	Not required
IMDG Packing group	Not required
ICAO Packing group	Not required
<b>14.5 Environmental hazards</b>	
None	
<b>14.6 Special precautions for user</b>	
None	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
-	



## 15. REGULATORY INFORMATION

<b>15.1</b>	<b>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</b>	<b>Chemical safety assessment</b>
	No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction.
Other Information	None.
Revision Date	04/09/2018
Reason for revision	Updated New Format SDS.
Rev No/Repl, SDS Generated	02

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.