



## MATERIAL SAFETY DATA SHEET

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

<b>1.1 Product Identifier</b>					
Product Name		Cedarwood Oil Atlas			
Biological Definition		Cedrus Atlantica Bark Oil is the volatile oil obtained from the bark of Cedrus atlantica, Pinaceae.			
INCI Name		Cedrus Atlantica Oil.			
Synonyms & Trade Names		Cedarwood Atlas Essentil oil			
CAS-No	92201-55-3/8000-27-9	EC No.	283-518-1	EINECS No.	283-518-1
<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)	
Physical and Chemical Hazards: Not classified. Human health: May produce an allergic reaction (EUH208) The product contains a substance which may cause long term adverse effects in the aquatic environment.	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS08	GHS09
	
Signal Word	Warning.
Contains	EUH208 Contains longifolene. May produce an allergic reaction.
<b>Hazard Statements</b>	
H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects.	

<b>Precautionary Statements</b>
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P331 Do NOT induce vomiting P391 Collect spillage P405 Store locked up P501 Dispose of contents/container

<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	The substance does not meet the criteria for PBT or vPvB, in accordance with Annex XIII of REACH Regulation ( EC) No 1907/2006
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

<b>3.2 Mixtures</b>	
<b>HYDROCARBONS</b> 74.3% REACH: 01-2119487278-23-0016	
Classification (EC 1272/2008) Warning Acute Tox. 4, H302, Acute Tox. 4, H312	
<b>LONGIFOLENE</b> 0.6% CAS#: 475-20-7 EC: 207-491-2	
Classification (EC 1272/2008) Danger Asp. Tox. 1, H304, Skin Sens. 1B, H317, Aquatic Acute 1, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10.H400,	
<b>ALPHA-CEDRENE</b> 0.1% CAS#: 469-61-4 EC: 207-418-4	
Classification (EC 1272/2008) Danger Asp. Tox. 1, H304, Aquatic Acute 1, H400, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10	

## 04. FIRST AID MEASURES

<b>4.1</b>	<b>Description of first aid measures</b>
Inhalation	If an allergic reaction, seek medical attention
Ingestion	Give nothing by mouth. Consult a doctor and show him the label. If accidentally swallowed, do not drink, do not induce vomiting and immediately transferred to hospital by ambulance. Show the label to the physician.
Skin Contact	If an allergic reaction, seek medical attention
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
<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>	
Extinguishing media: Carbon dioxide (CO <sub>2</sub> ). Powder. Water spray Unsuitable extinguishing media : In case of fire , do not use water	
<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 fumes. In case of fire: Carbon monoxide (CO ) Carbon dioxide (CO <sub>2</sub> ) may be formed	
<b>Advice for firefighters</b>	
No additional data available	


## **06. ACCIDENTAL RELEASE MEASURES**

<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>6.2</b>	<b>Environmental Precautions</b>
	Do not discharge into drains, water courses or onto the ground.
<b>6.3</b>	<b>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</b>	<b>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.</p> <p>Remove and wash contaminated clothing before re-using.</p> <p>Fire prevention:</p> <p>Never inhale this substance.</p> <p>Prevent access by unauthorised personnel.</p> <p>Recommended equipment and procedures:</p> <p>For personal protection, see section 8.</p> <p>Observe precautions stated on label and also industrial safety regulations.</p> <p>Prohibited equipment and procedures:</p> <p>No smoking, eating or drinking in areas where the substance is used</p>
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	<p>Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.</p> <p>Keep away from heat, sparks and open flame.</p>
<b>7.3</b>	<b>Specific end use(s)</b>
	No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Linalool (CAS: 78-70-6) Ingredient Comments : No exposure limits noted for ingredient.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	For high concentrations use respiratory equipment
Hand Protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374 Gloves must be selected according to the application and duration of use at the workstation. 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. Recommended properties: - Impervious gloves in accordance with standard EN374
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
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 protection according to Directive 89/686/EEC.
Skin Protection	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
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	Pale yellow to yellow.
Odour	Characteristic - sweet, woody, almost balsamic.
Relative Density	0.920 - 0.960 @ 20°C
Flash Point (°C)	>100°C
Refractive Index	1.500 - 1.530 @ 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	Insoluble in water.

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

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	
No dangerous reactions known	
<b>10.2 Chemical stability</b>	
This substance is stable under the recommended handling and storage conditions in section 7	
<b>10.3 Possible hazardous reactions</b>	
No additional data available.	
<b>10.4 Conditions to Avoid</b>	
Humidity	
<b>10.5 Incompatible materials</b>	
Materials to Avoid: Water	
<b>10.6 Hazardous Decomposition Products</b>	
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration
Skin corrosion/irritation	No additional data available.
Serious eye damage/ irritation	No additional data available.
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.
Aspiration hazard	May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways
<b>12.2 Persistence &amp; degradability</b>	Degradability: No additional data available.
<b>12.3 Bioaccumulation Potential</b>	No data available on bioaccumulation.
<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

### 13.1 Waste treatment methods

Do not pour into drains or waterways.

Waste management is carried out without endangering human health, without harming the environment and, in particular, 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.

Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

UN No. Road	3082
UN No. SEA	3082
UN No. AIR	3082

### 14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (alpha-Cedrene)

### 14.3 Transport hazard class(es)

ADR/RID/ADN Class:	9 Miscellaneous dangerous substances and articles.
ICAO Class/Division:	9
IMDG Class:	9
Transport Labels	

### 14.4 Packing group

ADR/RID/ADN Packing group:	III
IMDG Packing group	III
ICAO Packing group	III

### 14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



### 14.6 Special precautions for user

EMS F-A-S-F
Hazard No. (ADR) 9
Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.
Tunnel Restriction Code (E)

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Tariff Number 33012911

## 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	<p>Contains: EC 207-418-4 ALPHA-CEDRENE EC 207-491-2 LONGIFOLENE Contains EC 207-491-2 LONGIFOLENE. May produce an allergic reaction. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.</p>
Other Information	None.
Revision Date	20/10/2015

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.