

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

<u>Product Name:</u>	<b>Cedarwood Essential Oil (Atlas)</b>				
<u>Biological Definition:</u>	Cedrus Atlantica Bark Oil is the volatile oil obtained from the bark of <i>Cedrus atlantica</i> , <i>Pinaceae</i>				
<u>INCI Name:</u>	Cedrus Atlantica Bark Oil				
<u>Synonyms &amp; Trade Names:</u>	-				
<u>Internal Product Code</u>	R00115				
<u>CAS-No</u>	8000-27-9	<u>EC No.</u>	-	<u>EINECS No.</u>	294-939-5
<u>Supplier:</u>	<b>Akoma International (UK) LTD</b> Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
<u>Emergency Contact:</u>	Mr. Wynn Mensah – Tel: 01332 613 967				

#### 2 - Composition and information on ingredients:

##### Classification of the substance or mixture

Classification (67/548/EEC) N/A

Classification (EU  
1272/2008)

Physical and Chemical Hazards: This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

Human health Asp. : Tox. 1 - H304

Environment : Aquatic Chronic 2 –  
EHC2 H411

##### Label elements

Label in accordance with Regulation (EC) No 1272/2008



GHS08



GHS09

GHS Label:

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*Cedarwood Essential Oil (Atlas) - MSDS*

<b>Signal word:</b>	Danger	
<b>Contains</b>	EUH208 Contains longifolene . May produce an allergi reaction. Hydrocarbons, Longifolene, Alpha-Cedrene	
<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>	P273	Avoid release to the environment.
<b>Supplementary</b>	P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
<b>Precautionary Statements:</b>	P33 1	Do NOT Induce vomiting.
	P391	Collect spillage
	P405	Store locked up.
	P501	Dispose of contents/container to ...

#### Other hazards

**Adverse physio-chemical properties** No additional data available

**Adverse effects on human health** No additional data available

### 3 - Hazards identification:

#### Substances

74.3% HYDROCARBONS REACH: 01-2119487278-23-0016 Warning Acute Tox. 4, H302, Acute Tox. 4, H312.

0.6% LONGIFOLENE CAS: 475-20-7 EC: 207-491-2 Danger Asp. Tox. 1, H304, Skin Sens. 1B, H317, Aquatic Acute 1, H400, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10.

0.1% ALPHA-CEDRENE CAS: 469-61-4 EC: 207-418-4 Danger Asp. Tox. 1, H304, Aquatic Acute 1, H400, M Acute = 10, Aquatic Chronic 1, H410, M Chronic = 10

#### Mixtures

EU INCI	US INCI
N/A	N/A

### 4 - First aid measures:

#### Description of first aid measures

General Information	See below for details
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.

**Most important symptoms and effects, both acute and delayed** N/A

**Indication of any immediate medical attention and special treatment needed** N/A

## **5 - Fire - Fighting measures:**

### **Extinguishing Media**

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Powder. Water spray. Unsuitable extinguishing media: In case of fire , do not use: - water

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

### **Special hazards arising from the substance or mixture**

In case of fire may form :

- Carbon monoxide (CO )
- Carbon dioxide (CO<sub>2</sub>)
- 

### **Advice for fire-fighters**

N/A

## **6 - Accidental release measures:**

### **Personal precautions**

Refer to protective measures listed in sections 7 and 8.

For emergency

To be equipped with suitable personal protective equipment (Refer to Section 8).

### **Environmental precautions**

Contain and collect spillage with non- combustible absorbent materials such as sand , earth, vermiculite , diatomaceous earth in drums for waste disposal. Prevent entry into sewers or waterways.

### **Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

### **References to other sections**

No additional data available

## **7 - Handling and storage:**

### **Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

### **Fire prevention :**

Never inhale this substance.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the substance is used.

**Conditions for safe storage, including any incompatibilities**

Storage

Keep away from food and drink, including those for animals.

Packaging

Always keep in packaging made of an identical material to the original.

**Specific end use(s)**

No additional data available.

**8 - Exposure controls and personal protection:**

**Control Parameters**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Equipment

For high concentrations use respiratory equipment.  
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.

**Exposure Controls**

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. Provide eyewash station.

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

Hygiene Measures	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.
Engineering Measures	Provide adequate ventilation. Avoid discharging into drainage water. Only eliminate by authorised companies.

## 9 - Physical data and chemical properties:

Appearance @ 20°C	Clear liquid pale yellow to yellow
Odour	Characteristic, sweet, woody, almost balsamic
Specific Gravity @ 20°C	0.920 - 0.960
Refractive Index @ 20°C	1.500 - 1.530
Optical Rotation	+25 - +75

### Other information

N/A

## 10 - Stability and Reactivity:

<b><u>Reactivity</u></b>	No dangerous reactions known.
<b><u>Chemical stability</u></b>	This substance is stable under the recommended handling and storage conditions in section 7.
<b><u>Possibility of hazardous reactions</u></b>	No additional data available
<b><u>Conditions to avoid</u></b>	Avoid : humidity
<b><u>Incompatible materials</u></b>	Materials To Avoid : Water
<b><u>Hazardous decomposition products</u></b>	The thermal decomposition may release/form : <ul style="list-style-type: none"> <li>• carbon monoxide (CO)</li> <li>• carbon dioxide (CO<sub>2</sub>)</li> </ul>

## 11 - Toxicological information:

### Information on toxicological effects.

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

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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.
Other information:	No additional data available No additional data available

## 12 - Ecological information:

<b>Toxicity</b>	Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.
<b>Persistence and degradability</b>	No additional data available.
<b>Bio-accumulative potential</b>	No additional data available.
<b>Mobility in soil</b>	No additional data available.
<b>Results of PBT and VPVB assessment</b>	No additional data available.
<b>Other adverse effects</b>	No additional data available.

## 13 - Disposal considerations:

### Waste Treatment Methods

Do not pour into drains or waterways.

### Waste :

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:



Warning Icon:  
Proper Shipping Name  
UN No. Road  
ADR Class  
Hazard No (ADR)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (alpha-Cedrene)  
3082  
Class 9  
90 Environmentally hazardous substance; miscellaneous dangerous substances.

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Hazchem Code	3Z
UN No. SEA	3082
IMDG Class	Class 9
IMDG Pack Gr.	III
EMS	F-A-S-F
UN No. AIR	3082
Air Class	Class 9
Air Pack Gr.	III

## 15 - Regulatory Information:

### Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

### Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

## 16 - Other information:

Training instructions: Refer to possible hazard before use of this product.

### Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card

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STOT Specific Target Organ Toxicity  
N/A Not Available  
Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Q.C. REQUIREMENTS

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

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding it's' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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