

AKÖMA™

FROM THE HEART

Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identification					
Product Name	CEDARWOOD ESSENTIAL OIL ORGANIC				
Biological Definition	CEDRUS ATLANTICA BARK OIL IS THE VOLATILE OIL OBTAINED FROM THE BARK OF CEDRUS ATLANTICA, PINACEAE				
INCI Name	CEDRUS ATLANTICA BARK OIL				
Synonyms & Trade Names	NA				
Internal Product Code	K0115				
CAS-No	8000-27-9 / 92201-55-3	EC NO.	295-895-9	EINECS NO.	295-985-9
1.2 Details of the supplier of the safety data sheet					
Company Address	Akoma International (UK) Limited Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
Email	technical@akoma.biz				
1.3 Details of the supplier of the safety data sheet					
Emergency Contacts	Mr. Wynn Mensah – Tel: 01332 613 967				

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture	
Classification (67/548/EEC)	This product is not dangerous according to REACH Regulation 1907/2006.

Akoma International (UK) LTD

Unit 9A Sawley Park

Nottingham Road

Derby



DE21 6AS

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Cedarwood Essential Oil Organic - MSDS

Classification (EU1272/2008)	The Full Test for all hazard statements is displayed in Section 16. <u>Human Health</u> May produce an allergic reaction (EUH208). <u>Environment</u> The product contains a substance which may cause long term adverse effects in the aquatic environment.
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2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS Label	  GHS08 GHS09
Signal Word	Danger.
Contains	EUH208 contains longifolene. May produce an allergic reaction. Hydrocarbons, longifolene, alpha-cedrene.
Hazards Statement	H304, may be fatal if swallowed and enters airways. H411, very toxic to aquatic life with long lasting effects.
Precautionary Statements	P273, avoid release to the environment.
Supplementary Precautionary Statements	P301+310 If swallowed: Immediately call a poison center or doctor/physician. P331 Do not induce vomiting. P391 Collect spillage. P405 Store locked up.
Section 16 (Other Information): Risk & Safety phrases in full.	
2.3 Other Hazards	
Adverse physio-chemical properties	THE SUBSTANCE DOES NOT MEET THE CRITERIA FOR PBT OR VPVB, IN ACCORDANCE WITH ANNEX XIII OF REACH REGULATION (EC) NO 1907/2006.
Adverse effects on human health	No Data.
PBT or VPVB according to Annex XIII	No Data.

SECTION 3: Composition of Ingredients

3.1 Substances	Not Applicable.
3.2 Mixtures	<p>74.3% HYDROCARBONS REACH: 01-2119487278-23-0016. CLASSIFICATION (EC 1272/2008) WARNING ACUTE TOX. 4, H302, ACUTE TOX. 4, H312.</p> <p>0.6% LONGIFOLENE CAS: 475-20-7 EC: 207-491-2</p> <p>CLASSIFICATION (EC 1272/2008) DANGER ASP. TOX. 1, H304, SKIN SENS. 1B, H317, AQUATIC ACUTE 1, H400, M ACUTE = 10, AQUATIC CHRONIC 1, H410, M CHRONIC = 10.</p> <p>0.1% ALPHA-CEDRENE CAS: 469-61-4 EC: 207-418-4</p>

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SECTION 4: First Aid Measures

4.1 Description of First Aid Measures	
General Information	Always remove contaminated clothing immediately.
Inhalation	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Ingestion	Get medical attention immediately. Immediately call the poison centre or doctor. Rinse mouth with water and obtain medical attention.
Skin Contact	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Eye Contact	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
4.2 Most important symptoms & effects (Acute & Delayed)	No Data.
4.3 Indication of any immediate medical attention or special treatment required	None Expected, See Section 4.1 for further information.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing material	Foam, Co2, Dry Chemical Powder.
5.2 Special hazards arising from the substance Or mixture	Burning produces irritating, toxic and obnoxious fumes.
5.3 Advice for fire-fighters	Special protective equipment for fire-fighters. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation.
6.2 Environmental precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.
6.3 Methods & material for containment and cleaning up	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations. Do not use solvents.
6.4 References to other sections	Refer & consider section 8. Refer & consider section 13.

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SECTION 7: Handling & Storage

7.1 Precautions for safe-handling	Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. – No smoking, use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.
7.2 Conditions for safe storage, including any Incompatibilities	Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
7.3 Specific end use(s)	No Data.

SECTION 8: Exposure Controls & Personal Protection

8.1 Control Parameters	No additional data available.
8.2 Exposure Controls	
Eye Protection	Wear protective gloves / eye protection / face protection.
Hand Protection	Wear protective gloves / eye protection / face protection.
Respiratory Equipment	Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimize exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation, b) personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) use closed systems for transferring and processing this material. Also refer to Sections 2 and 7..
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Engineering Measures	None.
Skin Protection	Wear protective clothing to reduce the risk of skin and eye contact.
Personal Protection	Avoid inhalation of the product. Avoid contact with skin and eyes.
Other Protection	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
Process Conditions	Ensure are is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.
Environmental Exposure Controls	Avoid discharging into drainage water.

SECTION 9: Physical & Chemical Properties

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Derby

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9.1 Physical & Chemical Properties	
Appearance	LIQUID
Colour	PALE YELLOW –YELLOW
Odour	CHARACTERISTIC – SWEET, WOODY, ALMONST BALSAMIC
Relative Density @20	0.920 – 0.960
Refractive Index	1.50 – 1.530
Flash Point (°C)	>100°C.
Solubility in Water @ 20°C	INSOLUBLE.
9.2 Other Information	NO DATA.

SECTION 10: Exposure Controls & Personal Protection

10.1 Reactivity	Not Applicable.
10.2 Chemical stability	Stable under suggested storage conditions (<15°C).
10.3 Possibility of hazardous reactions	No.
10.4 Conditions to avoid	Storage at high temperatures. Do not store above 15°C.
10.5 Incompatible materials	Avoid concentrated acids, alkalis, & oxidizing agents. Avoid water.
10.6 Hazardous decomposition products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide & dioxide.

SECTION 11: Toxicological Information

11.1 Toxicological effects	
Acute Toxicity	Aspiration toxicity includes severe acute effects such as checmical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Skin irritation	Not Data.
Eye damage or irritation	Not Data.
Respiratory or skin sensitivity	Not Data.
Germ cell mutagenicity	Not Data.
Carcinogenicity	Not Data.
Reproductive toxicity	Not Data.
STOT – single exposure	Not Data.

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STOT – repeated exposure	Not Data.
Aspiration hazard	May be fatal if swallowed and enters airways (H304). Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Other information	Not Data.


SECTION 12: Ecological Information

12.1 Toxicity	Harmful to aquatic life with long lasting effects.
12.2 Persistence & degradability	No data.
12.3 Bio- accumulative potential	None.
12.4 Mobility in soil	None.
12.5 Results of PBT & VPVB assessment	This substance does not meet the PBT / VPVB criteria of REACH, Annex XIII
12.6 Other adverse effects	Do not allow product to enter streams, sewers or other waterways.

SECTION 13: Disposal Information

13.1 Waste treatment methods	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.
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SECTION 14: Transport Information

14.1 Transport Information	
UN Number	ROAD: UN 3082 SEA: UN 3082 AIR: UN3082
14.2 UN Shipping Name	Environmentally hazardous substance liquid N.O.S. (Alpha-cedrene).
14.3 Transport Hazard Class(es)	ADR / RID / ADN CLASS: 9. IMDG CLASS: 9. Miscellaneous dangerous substances and articles. ICAO CLASS / DIVISION: 9. TRANSPORT LABELS: 
14.4 Packing Group	ADR / RID / ADN PACKAGING GROUP: III IMDG PACKAGING GROUP: III ICAO PACKAGING GROUP: III

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14.5 Environmental Hazards	Environmentally Hazardous / Marine Pollutant. 
14.6 Special Precautions for user	EMS-F-A-S-F Emergency action code 3Z 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 & the IBC	Tariff: 33012911.

SECTION 15: Regulatory Information

15.1 Product specific safety, health & environmental regulations & legislation	
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.
15.2 Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

SECTION 16: Other Information

Hazard and / or precautionary statements in full	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.
Training Instructions: Refer to possible hazard before use of this product.	
Abbreviations & Acronyms:	

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MSDS	Material Safety Data Sheet.
INCI	International Nomenclature of Cosmetic Ingredients.
CAS	Chemical Abstract Service.
IMDG	International Maritime code for Dangerous Goods.
ADR	Accord European 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 & labelling of chemicals.
Trem Card	Transport Emergency Card.
STOT	Specific Target Organ Toxicity.

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

Disclaimer.

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 its 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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