

# AKÖMA™

## FROM THE HEART

### Material Safety Data Sheet

EU Regulation: 1907/2006

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

<b>1.1</b>					
<b>Product Identification</b>					
<b>Product Name</b>	PATCHOULI ESSENTIAL OIL				
<b>Biological Definition</b>	POGOSTEMON CABLIN LEAF OIL IS THE VOLATILE OIL OBTAINED FROM THE LEAVES OF THE PATCHOULI, POGOSTEMON CABLIN, LABIATAE.				
<b>INCI Name</b>	POGOSTEMON CABLIN LEAF OIL				
<b>Synonyms &amp; Trade Names</b>	-				
<b>Internal Product Code</b>	K0340				
<b>CAS-No</b>	8014-09-3 / 84238-39-1	<b>EC No.</b>	282-493-4	<b>EINECS No.</b>	282-493-4
<b>1.2</b>					
<b>Details of the supplier of the safety data sheet</b>					
<b>Company Address</b>	Akoma International (UK) LTD Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
<b>Email</b>	technical@akoma.biz				
<b>1.3</b>					
<b>Details of the supplier of the safety data sheet</b>					
<b>Emergency Contacts</b>	Mr. Wynn Mensah – Tel: 01332 613 967				

#### SECTION 2: Hazards Identification

<b>2.1</b>	
<b>Classification of the substance or mixture</b>	
<b>CLASSIFICATION (67/548/EEC)</b>	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.
<b>Classification (EU 1272/2008)</b>	PHYSICAL AND CHEMICAL HAZARDS: NOT CLASSIFIED. HUMAN HEALTH: ASP. TOX. 1 - H304 ENVIRONMENT: AQUATIC CHRONIC 2 - H411 Aspiration hazard, Hazard Category 1; H304.
<b>2.2</b>	
<b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.

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<b>GHS Label</b>	 
<b>Signal Word</b>	DANGER
<b>Contains</b>	-
<b>Hazards Statement</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. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P331 DO NOT INDUCE VOMITING. P391 COLLECT SPILLAGE. P405 STORE LOCKED UP. P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.
<b>Supplementary Precautionary Statements</b>	NONE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3 Other Hazards</b>	
<b>Adverse physio-chemical properties</b>	NO DATA
<b>Adverse effects on human health</b>	MAY BE HARMFUL IN CONTACT WITH SKIN.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	NO DATA.
<b>SECTION 3: Composition of Ingredients</b>	
<b>3.1 Substances</b>	<p><b>30.0 - 60.0% PATCHOULI ALCOHOL</b> CAS-NO: 5986-55-0 EC NO: 227-807-2 CLASSIFICATION (EC 1272/2008) NOT CLASSIFIED.</p> <p><b>10.0 - 30.0% ALPHA GUAIENE</b> CAS-NO: 3691-12-1 EC NO: N/A CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, ASP. TOX. 1 - H304</p> <p><b>1.0 - 5.0% BETA CARYOPHYLLENE</b> CAS-NO: 87-44-5 EC NO: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304</p>

<b>SECTION 4: First Aid Measures</b>									
<b>4.1 Description of First Aid Measures</b>									
<b>General Information</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.								
<b>Inhalation</b>	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.								
<b>Ingestion</b>	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.								
<b>Skin Contact</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.								
<b>Eye Contact</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.								
<b>4.2 Most important symptoms &amp; effects (Acute &amp; Delayed)</b>	<table border="0"> <tr> <td>INHALATION</td> <td>MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.</td> </tr> <tr> <td>INGESTION</td> <td>IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.</td> </tr> <tr> <td>SKIN CONTACT</td> <td>TOXIC IN CONTACT WITH SKIN.</td> </tr> <tr> <td>EYE CONTACT</td> <td>MAY CAUSE EYE IRRITATION.</td> </tr> </table>	INHALATION	MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING.	INGESTION	IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM.	SKIN CONTACT	TOXIC IN CONTACT WITH SKIN.	EYE CONTACT	MAY CAUSE EYE IRRITATION.
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<b>4.3</b> Indication of any immediate medical attention or special treatment required	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.
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### SECTION 5: Fire Fighting Measures

<b>5.1</b> Extinguishing material	FOAM, CO2, DRY CHEMICAL POWDER.
<b>5.2</b> Special hazards arising from the substance Or mixture	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES.
<b>5.3</b> 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

<b>6.1</b> 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.
<b>6.2</b> Environmental precautions	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
<b>6.3</b> 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.
<b>6.4</b> References to other sections	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

### SECTION 7: Handling & Storage

<b>7.1</b> 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.
<b>7.2</b> 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.
<b>7.3</b> Specific end use(s)	NO DATA.

### SECTION 8: Exposure Controls & Personal Protection

<b>8.1</b> Control Parameters	NO DATA.
<b>8.2</b> Exposure Controls	
<b>Eye Protection</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>Hand Protection</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

<b>Respiratory Equipment</b>	NO DATA
<b>Hygiene Measures</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>Engineering Measures</b>	NONE.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIROMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.

## SECTION 9: Physical & Chemical Properties

<b>9.1 Physical &amp; Chemical Properties</b>	
<b>Appearance</b>	VISCOUS LIQUID
<b>Colour</b>	BROWN TO DARK RED BROWN.
<b>Odour</b>	CHARACTERISTIC
<b>Relative Density</b>	0.952 - 0.975 @ 20°C
<b>Flash Point (°C)</b>	> 93.0
<b>Refractive Index</b>	1.505 - 1.515 @ 20°C
<b>Solubility in Water @ 20°C</b>	INSOLUBLE IN WATER. 1:9 IN 90 % ETHANOL @ 20°C
<b>9.2 Other Information</b>	NO DATA.

## SECTION 10: Stability & Reactivity

<b>10.1 Reactivity</b>	NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.
<b>10.2 Chemical stability</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 Possibility of hazardous reactions</b>	NO.
<b>10.4 Conditions to avoid</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5 Incompatible materials</b>	STRONG OXIDISING SUBSTANCES.
<b>10.6 Hazardous decomposition products</b>	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

## SECTION 11: Toxicological Information

<b>11.1 Toxicological effects</b>	
<b>Acute Toxicity</b>	NO DATA
<b>Skin irritation</b>	NO DATA

<b>Eye damage or irritation</b>	NO DATA
<b>Respiratory or skin sensitivity</b>	NO DATA
<b>Germ cell mutagenicity</b>	NO DATA
<b>Carcinogenicity</b>	NO DATA
<b>Reproductive toxicity</b>	NOT APPLICABLE.
<b>STOT – single exposure</b>	NOT APPLICABLE.
<b>STOT – repeated exposure</b>	NOT APPLICABLE.
<b>Aspiration hazard</b>	NO DATA
<b>Other information</b>	NO DATA

## SECTION 12: Ecological Information

<b>12.1 Toxicity</b>	DANGEROUS FOR THE ENVIRONMENT. MAY CAUSE LONG LASTING HARMFUL EFFECTS TO AQUATIC LIFE.
<b>12.2 Persistence &amp; degradability</b>	NO DATA.
<b>12.3 Bio- accumulative potential</b>	NO DATA.
<b>12.4 Mobility in soil</b>	NO DATA.
<b>12.5 Results of PBT &amp; VPVB assessment</b>	NO DATA.
<b>12.6 Other adverse effects</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: Disposal Information

<b>13.1 Waste treatment methods</b>	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

<b>14.1 Transport Information</b>	
<b>UN NUMBER</b>	ROAD: 3082 RAIL: 3082 AIR: 3082
<b>14.2 UN SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	ADR/RID/ADN CLASS 9 IMDG CLASS 9 ICAO CLASS/DIVISION 9

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<b>14.4 PACKING GROUP</b>	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
<b>14.5 ENVIROMENTAL HAZARDS</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 
<b>14.6 SPECIAL PRECAUTIONS FOR USER</b>	EMS F-A, S-F ADR TRANSPORT CATEGORY 3 EMERGENCY ACTION CODE •3Z HAZARD IDENTIFICATION NUMBER(ADR/RID) 90 TUNNEL RESTRICTION CODE (E)
<b>14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b>	NO DATA.

## SECTION 15: Regulatory Information

<b>15.1 Product specific safety, health &amp; environmental regulations &amp; legislation</b>	
<b>EU Directives</b>	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/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).
<b>Statutory Instruments</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
<b>Approved Code of Practice</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>Guidance Notes</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2 Chemical Safety Assessment</b>	-

## SECTION 16: Other Information

<b>HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL</b>	H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 CAUSES SKIN IRRITATION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
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**Training Instructions: Refer to possible hazard before use of this product.**

<b>Abbreviations &amp; Acronyms:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM Card</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

**Legal 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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