

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	PALMAROSA ESSENTIAL OIL				
Biological Definition	-				
INCI Name	CYMBOPOGAN MARTINIT STAPP VAR. MOTIA				
Synonyms & Trade Names	CYMBOPOGON MARTINI				
Internal Product Code	PALMAR1000				
CAS-No	84649-81-0	EC No.	283-461-2	EINECS No.	283-461-2
1.2					
Details of the supplier of the safety data sheet					
Company Address	Akoma International (UK) LTD 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	
Classification (1999/45)	Xi; R38, R41. R43. R52/53.
classification (EC 1272/2008)	Physical and Chemical Hazards Not classified. Human health Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Skin Sens. 1 - H317 Environment Aquatic Acute 2 - H401; Aquatic Chronic 3 - H412

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Derby

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<p>Label in accordance with (EC) no. 1272/2008</p>		
<p>Signal word</p>	<p>DANGER</p>	
<p>Contains</p>	<p>CITRAL Geraniol Geranyl Acetate LIMONENE Linalool Methyl Chavicol</p>	
<p>Hazards statement</p>	<p>H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H401 Toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.</p>	
<p>Precautionary Statements</p>	<p>P280 Wear protective gloves/protective clothing/eye protection/face protection. P262 Do not get in eyes, on skin, or on clothing. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	
<p>Supplementary Precautionary Statements</p>	<p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash ... thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P302+352 IF ON SKIN: Wash with plenty of soap and water. P310 Immediately call a POISON CENTER or doctor/physician. P321 Specific treatment (see ... on this label). P332+313 If skin irritation occurs: Get medical advice/attention. P333+313 If skin irritation or rash occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P501 Dispose of contents/container to ...</p>	
<p>Environment</p>	<p>The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment</p>	
<p>Human health</p>	<p>May cause sensitization by skin contact.</p>	
<p>SECTION 3: Composition of Ingredients</p>		
<p>LIMONENE 1-5%</p>	<p>CAS-No.: 138-86-3 Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410</p>	<p>EC No.: 205-341-0 Classification (67/548/EEC) R10 R43 Xi;R38 N;R50/53</p>

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Linalool 1-5%	CAS-No.: 78-70-6	EC No.: 201-134-4
	Classification (EC 1272/2008) Skin Irrit. 2 - H315	Classification (67/548/EEC) Xi; R38.
Methyl Chavicol < 1%	CAS-No.: 140-67-0	EC No.: 205-427-8
	Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 2 - H351	Classification (67/548/EEC) Xn; R22. Carc. Cat. 3; R40, Muta. Cat. 3; R68. R43
The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16		
EC (EINECS) NO.	283-461-2	
CAS-NO.	84649-81-0	


SECTION 4: First Aid Measures	
INHALATION	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
INGESTION	Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.
SKIN CONTACT	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
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 if any discomfort continues.

SECTION 5: Fire Fighting Measures	
EXTINGUISHING MEDIA	Use: Water spray. Alcohol resistant foam. Dry chemicals. Extinguish with carbon dioxide or dry powder. Carbon dioxide (CO2).
PROTECTIVE MEASURES IN FIRE	Wear: Self-contained breathing apparatus. Wear chemical protective clothing.

SECTION 6: Accidental Release Measures	
PERSONAL PRECAUTIONS	Wear protective clothing as described in Section 8 of this safety data sheet. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak side up to prevent the escape of liquid.
ENVIRONMENTAL PRECAUTIONS	Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.
SPILL CLEAN UP METHODS	Soak up spillage with sand or other inert absorbent material such as earth or vermiculite, transfer used material to a suitable waste container and dispose on accordance with regulations

SECTION 7: Handling & Storage	
STORAGE PRECAUTIONS	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep containers tightly closed. Keep away from heat, sparks and open flame.

SECTION 8: Exposure Controls & Personal Protection

PROTECTIVE EQUIPMENT	
PROCESS CONDITIONS	Provide eyewash station.
EYE PROTECTION	Wear approved safety goggles.
HAND PROTECTION	Chemical resistant gloves (PVC)
RESPIRATORY EQUIPMENT	Wear suitable respiratory protection.
HYGIENE MEASURES	Good personal hygiene practices are always advisable, especially when working with chemicals.
ENGINEERING MEASURES	Provide adequate ventilation.
SKIN PROTECTION	Wear apron or protective clothing in case of splashes.
PERSONAL PROTECTION	Avoid inhalation and contact with skin and eyes.
OTHER PROTECTION	Oil resistant apron, eyewash and safety shower recommended. Wash contaminated clothing before reuse..
PROCESS CONDITIONS	Provide eyewash station.
ENVIRONMENTAL EXPOSURE CONTROLS	Avoid discharging into drainage water. Only eliminate by authorized companies.

SECTION 9: Physical & Chemical Properties

APPEARANCE	Liquid
COLOUR	Colorless to pale yellow.
ODOUR	Rose and Geranium like.
RELATIVE DENSITY	0.878 - 0.892 @20°C
FLASH POINT (°C)	100
REFRACTIVE INDEX	1.465 - 1.485

SECTION 10: Stability & Reactivity

CONDITIONS TO AVOID	Avoid contact with strong oxidizers. Heat, sparks and open flames
MATERIALS TO AVOID	Strong oxidizing substances.

SECTION 11: Toxicological Information

NO DATA

SECTION 12: Ecological Information

ECOTOXICITY	We have no data regarding Eco toxicity, but it must be considered that this product may be dangerous for the environment.
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SECTION 13: Disposal Information

DISPOSAL METHODS	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport Information

GENERAL	Not regulated.
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SECTION 15: Regulatory Information

EU DIRECTIVES	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
NATIONAL REGULATIONS	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.
GUIDANCE NOTES	Workplace exposure limits eh40. Chip for everyone HSG 108.

SECTION 16: Other Information

RISK PHRASES IN FULL	R10 Flammable. R22 Harmful if swallowed. R38 Irritating to skin. R40 Limited evidence of a carcinogenic effect. R43 May cause sensitization by skin contact. R68 Possible risk of irreversible effects. R41 Risk of serious damage to eyes. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
HAZARD STATEMENTS IN FULL	H318 Causes serious eye damage. H315 Causes skin irritation. H226 Flammable liquid and vapor. H302 Harmful if swallowed. H303 May be harmful if swallowed. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer. H341 Suspected of causing genetic defects. H411 Toxic to aquatic life with long lasting effects. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life.

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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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