

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA

According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING					
1.1					
Product Identification					
Product Name	ROSEMARY EXTRACT, ANTIOXIDANT				
Biological Definition	Rosmarinus Extract Antioxidant is solvent extracted from the dried and distilled leaves of the rosemary, rosmarinus officinalis L., lamiaceae infused, after solvent removal, in helianthus annuus seed oil				
INCI Name	Rosmarinus Officinalis Leaf Extract/ Helianthus Annuus Seed Oil				
Synonyms & Trade Names	-				
Internal Product Code	K0395				
CAS-No	8001-21-6 / 84604-14-8	EC No.	232-273-9 / 283- 291-9	EINECS No.	232-273-9 / 283-291-9
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	This natural extract is not regulated according to 67/548/EC and/or 1999/45/EC European directives and regulation CLP 1272/2008, their Adaptations and Annexes.
Classification of the substance or mixture	
Classification (67/548/EEC)	Not classed as hazardous.
Classification (EU1272/2008)	Physical and Chemical Hazards: Not classified. Human Health: Skin Sens. 1 - h317 Environment: Not Classified
2.2	

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Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS Label	None.
Signal Word	None.
Contains	None.
Hazards Statement	None.
Signal Word	None.
Precautionary Statements	None.
Supplementary Precautionary Statements	None.

Section 16 (Other Information): Risk & Safety phrases in full.

**2.3
Other Hazards**

Adverse physio-chemical properties	No Data.
Adverse effects on human health	No Data.
PBT OR VPVB ACCORDING TO ANNEX XIII	The mixture satisfies neither the PBT nor the vPVB criteria for mixtures in accordance with Annexe XIII of the Reach Regulations EC 1907/2006.

SECTION 3: Composition of Ingredients

3.1 Substances	<p>82 - 92% HELIANTHUS ANNUUS SEED OIL CAS NO: 8001-21-6 NON HAZARDOUS SUBSTANCE</p> <p>8 - 18% ROSEMARINUS OFFICINALIS LEAF EXTRACT CAS NO: 84604-14-8 NON HAZARDOUS SUBSTANCE</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. 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)	<p>Inhalation May cause coughing and difficulties in breathing.</p> <p>Ingestion Irritating to the respiratory tract and may cause damage to the central nervous system.</p> <p>Skin contact Toxic in contact with skin.</p> <p>Eye contact May cause eye irritation.</p>

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4.3 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	
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.
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.
6.4 References to other sections	Refer & consider section 8. Refer & consider section 13.

SECTION 7: HANDLING AND 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	None.
8.2 Exposure Controls	

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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 minimise 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 area is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.
Environmental Exposure Controls	Avoid discharging into drainage water.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1	
Physical & Chemical Properties	
Appearance	Viscous Liquid
Colour	Yellow to Amber
Odour	Characteristic, Bland
Relative Density	0.900 – 0.940 @ 20DEG
Flash Point (°C)	>200°C.
Refractive Index	No Data.
Solubility in Water @ 20°C	Insoluble. Soluble in oil.
9.2	
Other Information	NO DATA.

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SECTION 10: Stability & Reactivity

10.1 Reactivity	Presents no significant reactivity hazards, by itself or in contact with water. Stable under normal temperature and storage conditions and recommended use.
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	Strong oxidising substances.
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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Toxicological Effects	
Acute Toxicity	No Data
Skin Irritation	May cause an allergic reaction by skin contact.
Eye damage or Irritation	Splashes in the eyes may cause irritation and reversible damage.
Respiratory or Skin Sensitivity	No data
Germ Cell Mutagenicity	No data
Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Stot – single exposure	Not applicable.
Stot – repeated exposure	Not applicable.
Aspiration Hazard	No data
Other information	No data.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Low - none. No study has been carried out on this extract for the moment. No ecological problems are to be expected when the product is handled and used with due care and attention. No ecological toxicity is to be feared for this product regarding the main components of the extract.
12.2 Persistence & degradability	No Data.
12.3 Bio- accumulative potential	No Data.
12.4 Mobility in soil	No Data.
12.5 Results of PBT & VPVB assessment	No Data.
12.6 Other adverse effects	Do not allow product to enter streams, sewers or other waterways.

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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	Not Regulated.
UN Shipping Name	Not Regulated.
Transport Hazard Class(es)	Not Regulated.
Packing Group	Not Regulated.
Environmental Hazards	Environmentally hazardous substance/marine pollutant None
Special Precautions for user	None.
Transport in bulk according to annex ii of marpol73/78 & the IBC Code.	No additional data.

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	-

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SECTION 16: OTHER INFORMATION

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	No Data
Training Instructions: Refer to possible hazard before use of this product.	
Abbreviations & 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 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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