

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: Soy Wax, Eco
Supplier: Akoma International (UK) LTD
Unit 9A Sawley Park
Nottingham Road
Derby
DE21 6AS
Tel: +44 (0) 1332 613 967
Emergency Contact: Mr. Wynn Mensah – Tel: 01332 613 967

2 - Hazards identification:

Classification of the substance or mixture

Classification (67/548/EEC) This product does not require labeling in sense of preparation guideline 1907/2006

Classification (EU 1272/2008) This product does not require labeling in

Label elements

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

GHS Label: None
Signal word: None
Contains None
Hazard Statements: None
Precautionary Statements: None
Supplementary Precautionary Statements: None

Risk phrases and Safety phrases in full refer to *Section 16 – Other Information*

Other hazards

Adverse physio-chemical Properties None

Adverse effects on human

Risk of skin burns caused by hot melt.

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3 - Composition and information on ingredients:

<u>INCI Name:</u>	NA		
<u>Definition/Botanical Origin:</u>	Saturated and unsaturated vegetable lipids predominantly containing triglycerides, diglycerides and monoglycerides.		
<u>Synonyms & Trade Names</u>	Hydrogenated Vegetable Oil		
<u>CAS No:</u>	68334-28-1	<u>EC No:</u>	NA
<u>EINECS No:</u>	269-820-6		
<u>Substances:</u>	NA		
<u>Mixtures</u>			
<u>EU INCI</u>	US INCI		
<u>US INCI</u>	N/A		

4 - First aid measures:

<u>General Information:</u>	Take away contaminated clothes.
<u>Inhalation:</u>	Move affected person into fresh air, keep warm and allow to rest. In case of respiratory tract irritation consult a physician.
<u>Eye contact:</u>	In case of contact with eyes, rinse immediately thoroughly with plenty of water. In case of eye irritation consult an ophthalmologist.
<u>Skin contact:</u>	In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
<u>Ingestion:</u>	Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed. NA

Indication of any immediate medical attention and special treatment needed. NA

5 - Fire - Fighting measures:

<u>Extinguishing media</u>	Sand, foam, dry powder, carbon dioxide (CO2)
<u>Special hazards arising from</u>	CO2 or nitro oxides (NOx), soot and other organic products.
<u>Advice for fire-fighters:</u>	Wear self-contained breathing apparatus.

6 - Accidental release measures:

<u>Personal precautions:</u>	Wear breathing apparatus if exposed to vapour/dusts/aerosols.
<u>Environment precautions:</u>	Do not allow to drains, water courses or soil.
<u>Cleaning up methods</u>	Allow product to cool down and solidify. Collect in suitable containers for recycling or disposal. Please look for disposal considerations.
<u>References to other Sections:</u>	Please refer to <i>Section 8 - Exposure controls/personal protection</i> for further information on personal precautions Please refer to <i>Section 13 - Disposal Considerations</i> for further information on waste treatment.

7 - Handling and storage:

<u>Precautions in handling:</u>	Avoid forming of wax vapour/fume. If this is not possible provide proper air ventilation; if necessary use extraction plant.
<u>Storage conditions:</u>	Only use containers specially approved for the substance and containers: /product. Keep storage place cool and dry.
<u>Specific Uses:</u>	N/A

8 - Exposure controls and personal protection:

<u>Respiratory equipment:</u>	Respiratory protection is necessary at aerosol or mist formation: use mask of filter types A2, A2/P2 or ABEK.
<u>Hand protection:</u>	Hand protection in accordance to other used chemicals. Hand protection is recommended. Use protective skin cream regulatory.
<u>Eye protection:</u>	Eye glasses with side protection
<u>Hygiene practices:</u>	Usual precautions for proper handling of chemicals should be observed. After work, before meal breaks, clean wax-soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax fume.
<u>Engineering Measures:</u>	In case of thermal processing, provide for extraction of vapours or adequate ventilation.

9 - Physical data and chemical properties:

<u>Appearance:</u>	Oily solid flake
<u>Colour:</u>	White to off white
<u>Odour:</u>	Faint
<u>Relative Density:</u>	No data
<u>Flash point (°C):</u>	> 315°C
<u>Refractive index:</u>	No data
<u>Melting Point (°C):</u>	No data
<u>Boiling Point (°C):</u>	No data
<u>Vapour Pressure:</u>	No data
<u>Solubility in Water @20°C:</u>	Insoluble
<u>Auto-ignition temperature (°C):</u>	No data
<u>Other Information:</u>	NA

10 - Stability and Reactivity:

<u>Reactivity:</u>	NA
<u>Chemical Stability:</u>	Stable under normal temperature conditions.
<u>Possibility of hazardous reactions</u>	NA
<u>Conditions to avoid:</u>	No hazardous reactions known
<u>Incompatible materials</u>	Reactions with strong oxidizing agents.
<u>Hazardous decomposition products</u>	No hazardous decomposition products known

11 - Toxicological information:

Acute toxicity:	Acute oral toxicity: LD50 (rat) > 2000mg/kg
Skin corrosion / irritation:	NA
Serious eye damage/irritation:	NA
Respiratory or skin sensitisation:	Inhalation of dust should be avoided.
Germ cell mutagenicity:	NA
Carcinogenicity:	NA
Reproductive toxicity:	NA
STOT-single exposure:	NA
STOT-repeated exposure:	NA
Aspiration hazard:	NA
Other information:	NA

12 - Ecological information:

<u>Toxicity:</u>	No data available, not expected to be dangerous to the aquatic environment.
<u>Persistence and degradability:</u>	Not readily biodegradable.
<u>Bio-accumulative potential:</u>	NA
<u>Mobility in soil:</u>	NA
<u>Results of PBT and VPVB assessment:</u>	NA
<u>Other adverse effects</u>	NA

13 - Disposal considerations:

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

14 - Transport information:

Warning Icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted.
Proper Shipping Name	None
UN No. Road	None
ADR Class	None
Hazard No (ADR)	None
Hazchem Code	None
UN No. SEA	None
IMDG Class	None
IMDG Pack Gr.	None
EMS	None
UN No. AIR	None
Air Class	None
Air Pack Gr.	None

15 - Regulatory information:

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

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Soy Wax, Eco - MSDS

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.

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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