

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER	
Product Name	Beeswax Organic Yellow Wax
Biological Definition	Beeswax. The wax obtained from the honeycomb of the bee. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins
INCI Name	Cera Alba
Synonyms & Trade Names	-
Internal Product Code	R01232
CAS Number	8012-89-3
EC Number	232-383-7
EINECS Number	232-383-7
REACH Status	Exempt
1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET	
Company	Akoma International (UK) Limited Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967
Emergency Telephone Number	Mr. Wynn Mensah – Tel: 01332 613 967

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE	
The full text for all hazard statements are displayed in Sec.16	
Classification (EU 1272/2008)	Not classed as a hazardous substance.
2.2 LABEL ELEMENTS	
Label in accordance with Regulation (EC) No 1272/2008	
GHS Label:	Not classed as a hazardous substance.
Signal word:	None
Contains	Contains no hazardous substances.
Hazard Statements:	None
Precautionary Statements:	None

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Supplementary Precautionary Statements:	None.
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE
N/A

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	
Inhalation	Remove the affected person to fresh air, keep warm and rest. If recovery is not rapid, seek medical advice.
Ingestion	Do not induce vomiting. No emergency measures are necessary but if adverse health effects follow or large amounts are swallowed, seek medical advice.
Skin Contact	Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, seek medical advice.
Eye Contact	Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, seek medical advice.
4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.	
Inhalation: High concentration of vapours may induce: Headache, nausea, dizziness. Irritant effect to the respiratory tract. Skin Contact: May cause slight irritation to the skin. Heated product may cause burns. Eye Contact: May cause slight irritation to eyes. Ingestion: May cause nausea.	
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED	
In contact with or splashed by melted product, quickly cool area with water.	

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA	
Suitable extinguishing media: Foam, Dry Chemical Powder, Carbon Dioxide.	
Unsuitable extinguishing media: Water.	
5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT	
Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition or combustion.	
5.3 ADVICE FOR FIRE FIGHTERS	
Only suitably trained personnel should attempt to tackle fires. Breathing apparatus and protective clothing should be worn. Do not remain in the immediate vicinity without respiratory protective equipment and protective clothing.	

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	
Wear suitable protective clothing. See section 8. Stop leak if safe to do so. Remove sources of ignition.	
6.2 ENVIRONMENTAL PRECAUTIONS	
Water may be used to flush spills away from sources of ignition. Prevent spreading by damming. Do not allow the product to enter public drainage system or open water course. Avoid release to the environment.	
6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP	

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Containment: Stop leak if safe to do so. Use damming system to prevent spreading.

Cleaning up: Use sand or active clay to absorb spilled substance and remove to containers for disposal. When in liquid state, cool and allow to solidify.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations: Handle in accordance with GMP and safety procedures. The molten product can cause severe burns. Use molten product in well ventilated areas. Use personal protective equipment as required.

General advice: Do not eat or drink in immediate vicinity. Wash hands after use. Remove any contaminated clothing before eating or drinking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep material sealed, dry and out of direct sunlight. Avoid heat and ignition sources. Store in original containers or other high density polyethylene containers which are sealable and clearly labelled. Clean up spilled material immediately.

7.3 SPECIFIC END USE(S)



No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	 
Process Conditions	No additional data available.
Engineering Measures	Facilities storing or utilising this material should be equipped with an eyewash facility.
Respiratory Equipment	Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.
Hand Protection	Use impervious gloves (EN374). PVC is suitable for casual contact. If direct contact for more than 2 hours then Neoprene or nitrile gloves recommended.
Eye Protection	Wear appropriate eye protection with side shields (EN166).
Other Protection	If contact with hot product is possible, please wear heat resistant and flame retardant protective clothing.
Hygiene Measures	Usual precautions for proper handling of chemicals should be observed.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	No additional data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Small pieces or pellets
Colour	Light yellow to yellow
Odour	Faint characteristic odour, free from rancidity
Specific Gravity @ 20°C	No additional data available.
Refractive Index @ 20°C	No additional data available.
Flash Point (°C)	>150°C
Melting Point (°C)	50 – 70°C
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data available.
9.2 OTHER INFORMATION	
No additional data available.	

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY
Not reactive under normal storage and handling conditions (see section 7). May react with strong oxidising agents, especially at high temperatures.
10.2 CHEMICAL STABILITY
Stable under normal storage and handling conditions.
10.3 POSSIBLE HAZARD REACTIONS
No hazardous reactions are expected to occur under normal storage and handling conditions.
10.4 CONDITIONS TO AVOID
Extremes of temperature (preferably, store between 5 and 39°C). The product is combustible when heated >300°C.
10.5 INCOMPATIBLE MATERIALS
May react with strong oxidants (e.g. chlorates, peroxides).
10.6 HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.

SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS	
Acute toxicity	Oral: LD50 > 2000mg/kg
Skin corrosion / irritation	Not classified as corrosive/irritant to skin - based on available data, the classification criteria are not met.
Serious eye damage/irritation	Can cause slight to moderate irritation.
Respiratory or skin sensitisation	Not classified as a respiratory or skin sensitizer - based on available data, the classification criteria are not met.

Germ cell mutagenicity	Not classified as a germ cell mutagenic or carcinogenic - based on available data, the classification criteria are not met.
Carcinogenicity	No additional data available.
Reproductive toxicity	Not classified as a Reproductive Toxicant - based on available data, the classification criteria are not met.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Not classified as presenting an aspiration hazard - based on available data, the classification criteria are not met.
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY
Not classified as hazardous to the aquatic environment according to 1272/2008/EC
12.2 PERSISTENCE AND DEGRADABILITY
Insoluble in water – can be separated from water in suitable effluent treatment plants.
12.3 BIOACCUMULATION POTENTIAL
No additional data available.
12.4 MOBILITY IN SOIL
Non-volatile and absorption into soil solid phase not expected.
12.5 RESULTS OF PBT AND VPVB ASSESSMENT
Not identified as a PBT/ vPvB Substance according to REACH Annex XIII.
12.6 OTHER ADVERSE EFFECTS
No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS
Treat in accordance with EU directive 2008/98/EC. Transport to authorised waste location, or incinerate under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply). Do not dispose to drains or sewage systems.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER	
UN No. Road	Not bound under transport regulations.
UN No. Sea	Not bound under transport regulations.
UN No. Air	Not bound under transport regulations.
14.2 UN PROPER SHIPPING NAME	
Not bound under transport regulations.	
14.3 TRANSPORT HAZARD CLASS(ES)	
Not bound under transport regulations.	
14.4 PACKAGING GROUP	
Not bound under transport regulations.	
14.5 ENVIRONMENTAL HAZARDS	
Not bound under transport regulations.	

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14.6 SPECIAL PRECAUTIONS FOR USER

Not bound under transport regulations.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

Not bound under transport regulations.

SECTION 15: REGULATORY INFORMATION**15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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.

15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	2
Revision Date	13 th February 2020
Reason for Revision	Full Updated MSDS

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