

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	Bees Wax (Yellow) BP				
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 Flava				
Synonyms & Trade Names :	-				
Internal Product Code:	R00078				
CAS-No	8012-89-3	EC NO.	232-383-7	EINECS NO.	232-383-7
REACH Status	Exempt				
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 Classification of the substance or mixture	
The full text for all hazard statements are displayed in Sec.16	
Classification (EU1272/2008)	Not classed as a hazardous substance.
2.2 Label Elements	
Label in accordance with Regulation (EC) No 1272/2008.	

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Bees Wax (Yellow) BP - MSDS

GHS Label	Not classed as a hazardous substance.
Signal Word	None.
Contains	Contains no hazardous substances.
Hazards Statement	None.
Precautionary Statements	None.
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 OF INGREDIENTS

3.1 Mixtures:	Not Applicable.
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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 & effects (Acute & 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 or special treatment required	In contact with or splashed by melted product, quickly cool area with water.

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Section 5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing material	Suitable extinguishing media: Foam, Dry Chemical Powder, Carbon Dioxide. Unsuitable extinguishing media: Water.
5.2 Special hazards arising from the substance Or mixture	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	For non-emergency personnel: Wear suitable protective clothing. See section 8. Stop leak if safe to do so. Remove sources of ignition. For emergency responders: Wear suitable protective clothing and breathing apparatus. 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 & material for containment and cleaning up	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	Refer & consider section 8. Refer & consider section 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	

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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	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	No additional data available.

Section 9 – PHYSICAL & CHEMICAL PROPERTIES:

9.1

Physical & Chemical Properties

Appearance	Pieces or plates. Becoming soft and pliable when warmed by hand
Colour	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.

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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 Possibility of hazardous 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 - TOXICOLOGICAL INFORMATION

11.1 Toxicological effects	
Acute Toxicity	This mixture does not meet the criteria for classification
Skin irritation	No additional data available.
Eye damage or irritation	No additional data available.
Respiratory or skin sensitivity	No additional data available.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT – single exposure	No additional data available.
STOT – repeated exposure	No additional data available.
Aspiration hazard	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
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12.2 Persistence & degradability	Insoluble in water – can be separated from water in suitable effluent treatment plants.
12.3 Bio- accumulative 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 & 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.
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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.
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
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.

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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.

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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