

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	Soy Wax C3
Biological Definition	Hydrogenated Vegetable Oil
INCI Name	Hydrogenated Vegetable Oil
Synonyms & Trade Names	-
Internal Product Code	R01319
CAS Number	68334-28-1
EC Number	269-820-6
EINECS Number	269-820-6
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 Akoma International (UK) Limited
Emergency Telephone Number	Mr. Wynn Mensah – Tel: 01332 613 967

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

Not classified

Classification (EU 1272/2008) Not classified

2.2 LABEL ELEMENTS

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

GHS Label:	No labelling applicable
Signal word:	None
Contains	No additional data available.
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

100% Hydrogenated Vegetable Oil

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove to fresh air. Obtain medical attention if symptoms persist.
Ingestion	Wash the mouth with water. If large amounts are swallowed obtain prompt medical attention.
Skin Contact	Cold material: wash with soap, hand cleaner and water. Hot material: flush skin with cold water to cool as quickly as possible. Cover with clean cotton. Do not attempt to remove substance from a burn as this can result in tissue loss. Obtain prompt medical attention
Eye Contact	Cold material: wash eyes thoroughly with liberal amounts of water. Heated material: Rinse with cool water to dissipate heat, do not try to remove substance. Obtain prompt medical attention.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

If inhaled or ingested, there may be some irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media Dry chemical, CO₂, foam.

Unsuitable extinguishing media Water jet. This will cause the fire to spread.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

5.3 ADVICE FOR FIRE FIGHTERS

No additional data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool, dry place. Keep away from combustion source. Protect from exposure to sunlight. Store below 25°C.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined exposure limit is not exceeded.
Respiratory Equipment	If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection	No special precautions other than protection from splashing.
Eye Protection	Safety glasses, chemical goggles (if splashing possible).
Other Protection	Heated wax should be handled with caution and suitable protective clothing worn.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals.
Personal Protection	No additional data available.
Skin Protection	Heated wax should be handled with caution and suitable protective clothing worn.
Environmental Exposure Controls	No additional data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Oily solid flakes
Colour	White to off white
Odour	No additional data available.
Specific Gravity	No additional data available.
Refractive Index	No additional data available.
Flash Point (°C)	>315

Melting Point (°F)	124.0 – 130.0
Boiling Point	No additional data available.
Vapour Pressure	No additional data available.
Solubility	Insoluble in water.
Auto-ignition temperature	No additional data available.
9.2 OTHER INFORMATION	
No additional data available.	

SECTION 10: STABILITY AND REACTIVITY	
10.1 REACTIVITY	
No additional data available.	
10.2 CHEMICAL STABILITY	
Stable under normal temperature conditions and recommended use	
10.3 POSSIBLE HAZARD REACTIONS	
No decomposition if used according to instructions in SDS..	
10.4 CONDITIONS TO AVOID	
Avoid heat, flames and other sources of ignition.	
10.5 INCOMPATIBLE MATERIALS	
Strong oxidising agents. Strong acids.	
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	
Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.	

SECTION 11: TOXOLOGICAL INFORMATION	
Acute toxicity	No additional data available.
Skin corrosion / irritation	No irritating effect
Serious eye damage/irritation	No irritating effect
Respiratory or skin sensitisation	No sensitizing effects known
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.
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLOGICAL INFORMATION	
12.1 TOXICITY	
No additional data available.	
12.2 PERSISTENCE AND DEGRADABILITY	
No additional data available.	
12.3 BIOACCUMULATION POTENTIAL	
No additional data available.	
12.4 MOBILITY IN SOIL	
No additional data available.	
12.5 RESULTS OF PBT AND VPVB ASSESSMENT	

No additional data available.
12.6 OTHER ADVERSE EFFECTS
No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 WASTE TREATMENT METHODS
Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company. Smaller quantities can be disposed of with household waste.

SECTION 14: TRANSPORT INFORMATION	
14.1 UN NUMBER	
UN No. Road	Not regulated
UN No. Sea	Not regulated
UN No. Air	Not regulated
14.2 UN PROPER SHIPPING NAME	
Not regulated	
14.3 TRANSPORT HAZARD CLASS(ES)	
Not regulated	
14.4 PACKAGING GROUP	
Not regulated	
14.5 ENVIRONMENTAL HAZARDS	
Not regulated	
14.6 SPECIAL PRECAUTIONS FOR USER	
Not regulated	
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	
No additional data available	

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

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Other Information

Complies with REACH guidance for SDS as circulated by ECHA 2011.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

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