

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	Castor Oil Organic, Cold Pressed
Biological Definition	Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, Ricinus Communis, Euphorbiaceae
INCI Name	Ricinus Communis Seed Oil
Synonyms & Trade Names	-
Internal Product Code	R00114
CAS Number	8001-79-4
EC Number	232-293-8
EINECS Number	232-293-8
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 Section 16.	
Classification (EU 1272/2008)	No additional data available
2.2 LABEL ELEMENTS	
Label in accordance with Regulation (EC) No 1272/2008	
GHS Label:	None
Signal word:	No additional data available
Contains	No additional data available
Hazard Statements:	No additional data available
Precautionary Statements:	No additional data available
Supplementary Precautionary Statements:	No additional data available
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available

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Castor Oil Organic - MSDS

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

No additional data available

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	No additional data available
Ingestion	If large amounts are swallowed, give water to drink and get medical advice.
Skin Contact	Wash with soap and water – Get medical attention if irritation persists.
Eye Contact	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

No information available.

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

No additional data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Chemical powders, carbon dioxide, Fog and foam.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

Keep free of ignition sources.

5.3 ADVICE FOR FIRE FIGHTERS

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

No additional data available

6.2 ENVIRONMENTAL PRECAUTIONS

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water to prevent slip/fall hazard.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water to prevent slip/fall hazard.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Keep away from strong oxidising agents, sources of ignition and open flames. Store in a cool, dry location, in a sealed container.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep away from strong oxidising agents, sources of ignition and open flames. Store in a cool, dry location, in a sealed container.

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

Provide eyewash station.

Engineering Measures

Provide adequate ventilation.

Respiratory Equipment

Not needed under normal conditions of use.

Hand Protection

Gloves to be worn.

Eye Protection

Safety glasses to be worn.

Other Protection

Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

Hygiene Measures

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal Protection

No additional data available.

Skin Protection

Wear suitable protective clothing.

Environmental Exposure Controls

Avoid discharging into drainage water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Very pale yellow, clear oily liquid.
Odour	Very slight, characteristic.
Specific Gravity @ 30°C	0.960 – 0.969
Refractive Index @ 20°C	1.477 – 1.481
Flash Point (°C)	229°C
Melting Point (°C)	-10°C
Boiling Point (°C)	313°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	449°C

9.2 OTHER INFORMATION

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

This substance is stable under the recommended handling and storage conditions.

10.3 POSSIBLE HAZARD REACTIONS

No additional data available.
10.4 CONDITIONS TO AVOID
None
10.5 INCOMPATIBLE MATERIALS
Strong oxidizers, acids and alkali.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS
The thermal decomposition may release/form : - carbon monoxide (CO) - carbon dioxide (CO ₂)

SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	No Toxic effect
Skin corrosion / irritation	Not expected to be an irritant.
Serious eye damage/irritation	Not expected to be an irritant.
Respiratory or skin sensitisation	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.
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

Expected to be ultimately biodegradable.

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 put into sewer lines. Dispose of according to local, state and federal law.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

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UN No. Road	Not Restricted
UN No. Sea	Not Restricted
UN No. Air	Not Restricted
14.2 UN PROPER SHIPPING NAME	
Not Restricted	
14.3 TRANSPORT HAZARD CLASS(ES)	
Not Restricted	
14.4 PACKAGING GROUP	
Not Restricted	
14.5 ENVIRONMENTAL HAZARDS	
Not Restricted	
14.6 SPECIAL PRECAUTIONS FOR USER	
Not Restricted	
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
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.