

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

Product Name: **Coconut Oil Virgin Organic (Food Grade) Cold Pressed Food Grade**  
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:

Not hazardous according to EU-regulation.

#### 3 - Composition and information on ingredients:

INCI Name: **Cocos Nucifera, Palmaceae**  
Composition: The coconut flesh is ground and then pressed. The crude oil is then filtered and ready for decanting.  
Application: Foods and skincare

#### 4 - First aid measures:

Generally: No special measures necessary  
Inhalation: First aid is usually not necessary  
Skin contact: Generally, no skin irritation to be expected. Wash with water and soap. Encountered.  
Eye contact: Flush eyes with large volumes of water for several minutes. In case of irritation seek medical advice.  
Ingestion: Generally, first aid is not necessary. Seek medical attention in case of any adverse effects.

#### 5 - Fire - Fighting measures:

Extinguishing media: Foam, dry chemical powder, carbon dioxide.

**Fire and explosion hazards:** This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Dispersed hot particles may increase the danger of self ignition (e.g. in sawdust, clothes, cloth). Ignition hazard at welding at the empty container.

**Special fire-fighting procedures:** In order to protect personnel and to cool down containers in the danger zone use water fog or spray jet. Interrupt inflow of product. Let the fire burn out under control or extinguish with alcohol resistible foam or dry chemical powder. Apply respiratory and eye protection for fire fighting personnel exposed to smoke or vapours.

**Dangerous combustion residues:** Smoke, carbon monoxide, carbon dioxide

## 6 - Accidental release measures:

**Personal precautions:** Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.

**Land spill:** Shut off source. Prevent product from entering sewerage, water courses or low lying areas; advise the relevant authorities if it has already or if it is still contaminating sewerage, waters or soil/vegetation. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

**Personal precautions:** Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local Regulation.

**References to other Sections:** Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions  
Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

## 7 - Handling and storage:

**Handling:** Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

**Storage:** Intrusion into soil to be avoided. Store the product in chilled (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

## 8 - Exposure controls and personal protection:

Respiratory:	Avoid excessive inhalation. Apply local ventilation where appropriate.
Hand protection:	Avoid skin contact. Use chemically gloves.
Eye protection:	In open systems where contact is likely, wear safety glasses with side shields.
Physical protection:	Use protection clothing.

## 9 - Physical data and chemical properties:

Appearance:	White semi-solid to solid
Odour:	Characteristic of coconut
Refractive Index	nD20 1.488
Free Fatty Acid (%as Oleic)	0.31
Moisture (%)	<0.01
Peroxide Value (Meq O <sub>2</sub> / kg)	1.40
Acid Value (mg KOH/g)	0.86

## 10 - Stability and Reactivity:

Conditions to avoid:	Keep away from heat sources, open flames and other sources of ignition.
Materials to avoid:	Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.
Hazardous decomposition products:	Product does not decompose at proper handling.

## 11 - Toxicological information:

Basics of Evaluation:	The evaluation was made of toxicological data of components or similar products derived. This product is human food quality.
Acute toxicity:	In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50: not determined LC50: not determined
Irritant effect on respiratory organs:	Slight irritation of the mucous membranes may occur.
Sensitization:	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Toxicity after repeated administration:	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
CMR-effect:	There are not expected negative impact.
Additional Information:	Acute Toxicity, irritation and CMR-effects of the substance are investigated and rated. Individual aspects are partially missing data. In the experience of the manufacturer, however, on the identification excess risks to be expected.

## 12 - Ecological information:

Ecological toxicity:	Specific ecological toxicity data for this product are not available.
Mobility:	No data available
Persistence and degradability:	Biologically well degradable
Bioaccumulation potential:	No information available

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**Coconut Oil Virgin Organic (Food Grade) Cold Pressed - MSDS**

PBT characteristics: No information available  
Water hazard rate: WGK 1  
Other harmful effects: No information available

### 13 - Disposal considerations:

Recommendation: Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude in soil or waters.

### 14 - Transport information:

General precautions during transportation: Keep Container closed, dry, cool. S  
Sea transportation (acc. to IMDG): Not regulated  
Road transportation (acc. To ADR): Not regulated  
Train transportation (acc. to RID): Not regulated  
Air transportation (acc. to ICAO: Not regulated  
Annex 18

### 15 - Regulatory information:

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

U 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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