

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

Product Name: **Wheatgerm Oil (Cold Pressed) Unrefined**  
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 - Composition and information on ingredients:

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognised exposition limits.

Inci Name: **Triticum Vulgare (Wheat) Germ Oil**  
Chemical Composition: Triticum Vulgare Germ Oil is the oil obtained from the expression or extraction of organic wheat germ *Triticum vulgare*, *Graminae* and refined. It consists primarily of the glycerides of the fatty acids.  
Cas No: 8006-95-9, 68917-73-7  
Einecs No: N/A  
Applicatopn: Emollient

#### 3 - Hazards identification:

Non hazardous

#### 4 - First aid measures:

Eye contact: Flush with water.  
Skin contact: Wash with water and soap.  
Ingestion: Edible, food grade

## 5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams, inert powder  
Extinguishing media to avoid: Water  
Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.  
Protection against fire: Standard measures in line with fire safety regulations

## 6 - Accidental release measures:

Spillage on soil: Use a solid absorbent and/or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers.  
Spillage on water: Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU environmental regulations.

## 7 - Handling and storage:

At times oil-soaked materials may spontaneously combust. No special precautions for safety reasons necessary.

## 8 - Exposure controls and personal protection:

No special personal protective equipment required.  
Protective gloves and goggles when handling hot oil.

## 9 - Physical data and chemical properties:

Form: Liquid at room temperature  
Odour: Neutral  
Colour: Very pale yellow, clear oily liquid  
pH: Neutral  
Boiling point (°C): >100  
Density @ 20 °C: 0.910 - 0.930  
Hydrosolubility: Insoluble  
Liposolubility: Soluble in vegetable oils

## 10 - Stability and Reactivity:

Conditions to avoid: High temperature near flash point  
Materials to avoid: Strong acids and oxidising agents  
Hazardous decomposition products: Acrolein at extreme heating  
Hazardous reactions: Polymerisation not likely to occur  
Shelf Life: Min 12 months when stored in nitrogen flushed containers

### 11 - Toxicological information:

Non toxic product - pharmaceutical use – food grade

### 12 - Ecological information:

Readily biodegradable

### 13 - Disposal considerations:

Residue for disposal: According to local regulations.

Waste packing: Observe local regulations.

### 14 - Transport information:

Not dangerous product

Classification: Not classified in RID/ADR/IMDG

### 15 - Regulatory information:

In compliance with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE

### 16 - Other information:

#### Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

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