

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

Product Name: Safflower Oil Hi-Linoleic Organic (Cold Pressed)  
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: **Carthamus Tinctorius (Safflower) Oil**  
Chemical composition: Carthamus Tinctorius Oil is the oily liquid obtained by cold pressing from the seeds of the organic safflower, *Carthamus tinctorius*, *Compositae*. It consists principally of the triglycerides of linoleic acid.  
CAS number: 8001-23-8  
Einesc Number: 232-276-5  
Application: Emollient  
Soil Association Certified: Yes  
Country of origin: USA, Australia, Argentina, Europe  
Used for: Cosmetic use (Masking, Skin Conditioning) and human consumption

#### 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:

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

## 6 - Accidental release measures:

|                           |   |
|---------------------------|---|
| <u>Spillage on soil:</u>  | Use a solid absorbent and/or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers.   |
| <u>Spillage on water:</u> | 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. Use only in well ventilated areas, avoid contact with skin, eyes and clothing.

## 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:

|                                  |   |
|----------------------------------|---|
| <u>Form:</u>                     | Liquid at room temperature                    |
| <u>Odour:</u>                    | Characteristic                                |
| <u>Taste:</u>                    | Characteristic                                |
| <u>Colour:</u>                   | Very pale yellow to orange, clear oily liquid |
| <u>pH:</u>                       | Neutral                                       |
| <u>Boiling point (°C):</u>       | >100  |
| <u>Specific Gravity @ 20 °C:</u> | 0.910 - 0.930                                 |
| <u>Hydrosolubility:</u>          | Insoluble                                     |
| <u>Liposolubility:</u>           | Soluble in vegetable oils                     |
| <u>Additives:</u>                | None  |
| <u>Moisture:</u>                 | < 0.1   |
| <u>P.A.H. (benzo(a)pyrene):</u>  | < 2.0   |

## 10 - Stability and Reactivity:

|  |                                   |
|--|-----------------------------------|
| <u>Conditions to avoid:</u>              | High temperature near flash point |
| <u>Materials to avoid:</u>               | Strong acids and oxidising agents |
| <u>Hazardous decomposition products:</u> | Acrolein at extreme heating       |

### Akoma International (UK) LTD

Unit 9A Sawley Park  
Nottingham Road  
Derby  
DE21 6AS

Tel: +44 (0) 1332 613 967

E-mail: [support@akoma.zendesk.com](mailto:support@akoma.zendesk.com)

*Safflower Oil Hi-Linoleic Organic (Cold Pressed) - MSDS*

Hazardous reactions: Polymerisation not likely to occur  
Shelf Life: 18 months when stored in nitrogen flushed containers  
Storage conditions: Cool (<20°C), dry and dark

#### 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.

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.

Revised: 23/04/2017

---

#### **Akoma International (UK) LTD**

Unit 9A Sawley Park  
Nottingham Road  
Derby  
DE21 6AS

Tel: +44 (0) 1332 613 967

E-mail: [support@akoma.zendesk.com](mailto:support@akoma.zendesk.com)