

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

**Product Name:** Carrot Oil Virgin Cold Pressed

**Biological Definition:** An infusion of active carotenoid compounds into Sunflower Oil

**INCI Name:** Helianthus Annuus Seed Oil (95%) & Beta-Carotene (5%)

**Synonyms & Trade Names:** N/A

**Internal Product Code:** I00001

**CAS-No:** 8001-21-6 / -    **EC No.** N/A    **EINECS No.** 232-273-9 / -

**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:

##### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)                      Not Classified as a Hazardous Substance.  
Classification (EU 1272/2008)                      Not Classified as a Hazardous Substance.

##### 2.2 Label elements

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

GHS Label:    None

Signal word:    None

Contains    Contains no hazardous substances

Hazard Statements:                                      None

Precautionary Statements:                              None

Supplementary Precautionary Statements:                      None

Risk phrases and Safety phrases in full refer to *Section 16 – Other Information*

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*Carrot Oil Virgin Cold Pressed - MSDS*

### 2.3 Other hazards

Adverse physio-chemical properties No additional data available  
Adverse effects on human health No additional data available

## 3 - Composition and information on ingredients:

### 3.1 Substances

Helianthus Annuus Seed Oil ≈95%  
Beta-Carotene ≈5%

### 3.2 Mixtures

EU INCI	US INCI
N/A	N/A

## 4 - First aid measures:

### 4.1 Description of first aid measures

General Information	See categories below
Inhalation	No specific measures. Provide fresh air. Seek medical attention if discomfort occurs.
Ingestion	Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

### 4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

## 5 - Fire - Fighting measures:

### 5.1 Extinguishing Media

Use CO<sub>2</sub>, Dry Powder or Foam type extinguishers. Do not use direct water jet on burning material.

### 5.2 Special hazards arising from the substance or mixture.

If exposed to high temperatures, the product may release dangerous decomposition products such as carbon monoxide and dioxide.

### 5.3 Advice for fire-fighters

## 6 - Accidental release measures:

### 6.1 Personal precautions

Remove sources of ignition. Provide adequate ventilation. Avoid contact with skin and eyes.

### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

### 6.3 Methods and material for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. Clean up residues on affected areas with plenty of water and detergent.

### 6.4 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:

### 7.1 Precautions for safe handling

Use in accordance with good industrial / laboratory procedures. Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

### 7.2 Conditions for safe storage, including any incompatibilities

Intrusion into soil to be avoided. Store the product in cool (between 5 – 10°C) 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.

### 7.3 Specific end use(s)

Apply appropriate product hygiene according to the intended, final use.

## 8 - Exposure controls and personal protection:

### 8.1 Control Parameters

None

### 8.2 Exposure Controls

Eye protection	Use safety glasses.
Hand protection	Avoid all skin contact. Use chemically resistant gloves if required.
Respiratory Equipment	No special measures required
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals/oils.
Engineering Measures	No special measures required

## 9 - Physical data and chemical properties:

### 9.1 Information on basic physical and chemical properties

Appearance	Clear oily mobile liquid
Colour	Red to orange
Odour	Characteristic
Relative Density	0.905 - 0.930 at 20°C
Flash Point (°C)	N/A
Refractive Index	1.460 – 1.480
Melting Point (°C)	N/A
Boiling Point (°C)	N/A
Vapour Pressure	N/A
Solubility in Water @20°C	N/A
Auto-ignition temperature (°C)	N/A

### 9.2 Other information

No additional data available.

## 10 - Stability and Reactivity:

### 10.1 Reactivity

No additional data available.

### 10.2 Chemical stability

Stable under the recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use conditions.

### 10.4 Conditions to avoid

Avoid heat, flames, sunlight and other sources of ignition. Oxidation and degradation of substance may occur.

### 10.5 Incompatible materials

Avoid contact with strong acids, strong alkalis and strong oxidising agents.

### 10.6 Hazardous decomposition products

At temperatures >300 .C acrolein may be formed.

## 11 - Toxicological information:

### 11.1 Information on toxicological effects.

Acute toxicity:	No additional data available.
Skin corrosion / irritation:	No additional data available.
Serious eye damage/irritation:	No additional data available.
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.
Other information:	No additional data available

## 12 - Ecological information:

### 12.1 Toxicity

No ecological toxicity to be expected.

### 12.2 Persistence and degradability

No additional data available.

### 12.3 Bio-accumulative 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.

## 13 - Disposal considerations:

### 13.1 Waste Treatment Methods

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

## 14 - Transport information:

Warning Icon	Not classified as hazardous.
Proper Shipping Name	Not classified as hazardous.
UN No. Road	Not classified as hazardous.
ADR Class	Not classified as hazardous.
Hazard No (ADR)	Not classified as hazardous.
Hazchem Code	Not classified as hazardous.
UN No. SEA	Not classified as hazardous.
IMDG Class	Not classified as hazardous.
IMDG Pack Gr.	Not classified as hazardous.
EMS	Not classified as hazardous.
UN No. AIR	Not classified as hazardous.
Air Class	Not classified as hazardous.

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**15 - Regulatory information:****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU 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
Guidance Notes	Sheets for Substances and Preparations Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

**15.2 Chemical safety assessment**

An assessment has not been executed.

**16 - Other information:**

Training instructions: Refer to possible hazard before use of this product.

**Abbreviations and acronyms:**

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
<b>Risk Phrases in full:</b>	N/A
<b>Safety Phrases in full:</b>	N/A

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

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## 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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