

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: Pumpkin Seed Oil 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 - Hazards identification:

Observe good housekeeping procedures.

3 - 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: Cucurbita Pepo (Pumpkin) Seed Oil
Chemical composition: Cucurbita Pepo Seed Oil is the oil cold-pressed and filtration only from the form the seeds of the organic Pumpkin, *Cucurbita pepo* L., *Cucurbitaceae*.
CAS No: 8016-49-7 / 89998-03-8
EINECS: - / 289-741-0
Application: Emollient, Skin Conditioning
Soil association certified: Yes

4 - First aid measures:

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion: Not considered dangerous. Edible quality. Seek medical advice in case of any adverse effects.
Other: When assessing action take Risk & Safety Phrases into account (Section 15)

5 - Fire - Fighting measures:

<u>Extinguishing media</u>	Use CO ₂ , Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames. Do not use direct water jet on burning material.
<u>Special measures:</u>	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
<u>Extinguishing procedures:</u>	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6 - Accidental release measures:

<u>Personal precautions:</u>	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
<u>Environment precautions:</u>	Keep away from drains, soils, surface & ground waters.
<u>Cleaning up methods</u>	Remove all potential ignition sources. Contain spilled material
<u>Cover for spillages:</u>	with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7 - Handling and storage:

<u>Precautions in handling:</u>	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
<u>Storage conditions:</u>	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
<u>Fire protection:</u>	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8 - Exposure controls and personal protection:

<u>Respiratory protection:</u>	No special measures under normal conditions.
<u>Ventilation:</u>	No special measures under normal conditions.
<u>Hand protection:</u>	No special measures under normal conditions.
<u>Eye protection:</u>	Use safety glasses.
<u>Work/Hygiene practices:</u>	Wash hands with soap & water after handling.

9 - Physical data and chemical properties:

<u>Colour:</u>	Green-brown to red- brown
<u>Appearance:</u>	Clear oily liquid
<u>Odour:</u>	Typical, nutty
<u>pH:</u>	Neutral
<u>Specific Gravity @ 20°C:</u>	0.915 – 0.925
<u>Refractive Index @ 20°C:</u>	1.471 – 1.475
<u>Boiling point (°C):</u>	> 100
<u>Hydrosolubility:</u>	Insoluble
<u>Liposolubility:</u>	Soluble in vegetable oils

10 - Stability and Reactivity:

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Decomposition: None (thermal decomposition products are H₂O and CO₂).

11 - Toxicological information:

According to current information, not classed as hazardous to health in normal industrial use.

12 - Ecological information:

Biodegradability: Data not available

Precautions: Prevent surface contamination of soil, ground & surface water.

13 - Disposal considerations:

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14 - Transport information:

Road (ADR/RID): N/A

Air (IATA/ICAO): N/A

Sea (IMDG): N/A

CHIP: See section 15

15 - Regulatory information:

Hazards: N/A

Symbols: N/A

Risk Phrases: N/A

Safety Phrases: N/A

16 - Other information:

Cosmetics Directive 7th Amendment: Not Restricted

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum shelf life of 24 months.

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 its' 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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