

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Cherry Kernel Oil (Refined)**
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:

Non hazardous

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: **Prunus Avium Seed Oil**
Chemical composition: Prunus Avium Seed Oil is the fixed oil obtained from the kernels of the sweet cherry, *Prunus avium*, *Rosaceae*. It consists primarily of the glycerides of the fatty acids
CAS No: 85566-22-9
EINECS No: 287-632-2
Application: Emollient, Emulsion stabilising, Skin conditioning

4 - First aid measures:

Skin contact: Wash with water and soap
Eye contact: Flush with water
Ingestion: No measures, being a non-toxic product.
Inhalation: Not expected with this type of product.

5 - Fire - Fighting measures:

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| <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:

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|---------------------------|---|
| <u>Spillage:</u> | Use sand to absorb oil and shovel in containers for disposal according to national Government regulations. |
| <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:

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| <u>Safe Handling:</u> | Keep away from sources of ignition and direct heat or fire. Never melt over direct heat. Use water bath or hot water jacket. |
| <u>Requirements for Storage Areas and Containers:</u> | Store in cool, dry well ventilated storage area. Do not store near oxidizing agents or strong acids. Keep away from sunlight |

8 - Exposure controls and personal protection:

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| <u>Eye:</u> | Splash goggles or face shield |
| <u>Skin/Body:</u> | Gloves & Aprons should be worn. |
| <u>Respiratory:</u> | Not needed under normal conditions of use. |
| <u>Ventilation:</u> | Mechanical exhaust/ventilation |
| <u>Other:</u> | Evaluate need based on application. |
| <u>Work/Hygiene Practice:</u> | Maintain good manufacturing practices |

9 - Physical data and chemical properties:

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|---|-------------------------------------|
| <u>Form:</u> | Liquid at room temperature |
| <u>Colour:</u> | Very pale yellow, clear oily liquid |
| <u>Odour:</u> | Neutral |
| <u>pH:</u> | Neutral |
| <u>Flash point (°C):</u> | > 300°C |
| <u>Density at 20 °C (g/cm³):</u> | 0.915 - 0.925 |
| <u>Hydrosolubility:</u> | Insoluble |
| <u>Liposolubility:</u> | Soluble in vegetable oils |

10 - Stability and Reactivity:

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|-----------------------------|-----------------------------------|
| <u>Conditions to avoid:</u> | High temperature near flash point |
| <u>Materials to avoid:</u> | Strong oxidising agents |

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Hazardous decomposition products: Acrolein at extreme heating
Hazardous reactions: Polymerisation not likely to occur
Shelf Life: Min 12 to 18 months when stored in nitrogen flushed containers.

11 - Toxicological information:

The product is considered non-toxic

Acute Toxicity: N/A
Medical Conditions Generally Aggravated by Exposure: None
Irritancy:
Ingestion: Not expected to be an irritant
Skin: Not expected to be an irritant
Eyes: N/A
Carcinogenicity: None
Reproductive Toxicity: None
Teratogenicity: None
Mutagenicity: None
Name of toxicologically synergistic product: N/A

12 - Ecological information:

Biodegradation: Readily biodegradable, > 90% (OCCD)
Eco-toxicity: Not toxic
Fish Toxicity: No Data
Bacterial Toxicity: No Data

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.

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