

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Plum Kernel Oil Cold Pressed**
Supplier: **Akoma International (UK) LTD**
Unit 9A Sawley Park
Nottingham Road
Derby
DE216AS
Tel: +44 (0) 1332613967

Emergency Contact: Mr. Wynn Mensah
Tel: 01332613967

2 - Composition and information on ingredients:

INCI Name: **Prunus Domestica (Plum) Kernel Oil**
Chemical composition: Plum kernel oil is cold-pressed and filtered from the seeds / kernels of the *Prunus Domestica*, Rosaceae (plum) fruit
CAS No: 90082-87-4
EINECS No: 290-179-3
Proprieties: Non greasy feeling on the skin, Emollient Oil, Antiradical properties (Tocopherols), Proven innocuity by in-vivo and into tolerance tests, Natural bitter almond-like perfume
Functions: Skin Conditioning

3 - Hazards identification:

Non hazardous

4 - First aid measures:

Skin contact: Wash with water and soap
Eye contact: Flush with water
Ingestion: Generally, first aid is not necessary. Seek medical attention in case of any adverse effects.

5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams, inert powder
Extinguishing media to avoid: None
Special exposure hazards: None known.
Protection against fire: Standard measures in line with fire 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:

Appearance: Fluid, limpid at ambient temperature
Odour: Typical of bitter almond, marzipan
Free Fatty Acid (% as Oleic): ≤ 1.0
Peroxide Value (Meq / kg) : ≤ 10.0
Acid Value: ≤ 2.0
Water and other volatiles (%): ≤ 0.5

Fatty Acid Profile (Major Acids)

Palmitic	4.0 – 9.0
Palmitoleic	≤ 1.0
Stearic	≤ 3.0
Oleic	60.0 – 80.0
Linoleic	15.0 – 25.0
Alpha Linolenic	≤ 0.5
Icosanoic	≤ 0.5
Icosenoic	≤ 0.5

10 - Stability and Reactivity:

Conditions to avoid: High temperature near flash point

Materials to avoid: Strong 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

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

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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