

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Spearmint Essential Oil**
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:

Xn - Harmful; N - Dangerous for the environment, Xi - Irritant;

3 - Composition and information on ingredients:

INCI Name: **Mentha Spicata (Spearmint) Herb Oil**
Chemical composition: Mentha Spicata : The volatile oil obtained by steam distillation of the aerial parts of the herb Mentha Spicata

<u>H-No:</u>	3301 25	<u>CAS No:</u>	8008-79-5
<u>Status:</u>	Natural	<u>CoE No:</u>	285
<u>FEMA:</u>	3032	<u>Additives:</u>	none
<u>FDA:</u>	182.20	<u>IFRA:</u>	see section 16
<u>RIFM:</u>	monograph	<u>EC No:</u>	283-656-2
<u>EINECS – CAS No:</u>	84696-51-5	<u>FCCIV:</u>	Official
<u>Application:</u>	Aromatherapy, skincare, fragrance		
<u>Origin:</u>	India		

4 - First aid measures:

Inhalation: Remove from exposure site to fresh air. Keep at rest. Seek medical advice.
Skin contact: Wash with water and soap – may need to seek medical advice.
Eye contact: Flush with water for at least 15 minutes. Contact a doctor if symptoms persist.
Ingestion: Not to be consumed in any circumstances. Rinse mouth out with water and seek medical advice **immediately**.

Other: When assessing action take into account Risk & Safety Phrases (Section 15)

5 - Fire - Fighting measures:

Extinguishing media: Use CO₂, Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames. Do not use direct water jet on burning material.

Special measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6 - Accidental release measures:

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environment precautions: Keep away from drains, soils, surface & groundwaters.

Cleaning up methods: Remove all potential ignition sources. Contain spilled material. Cover for spillages: with an inert or non-combustible inorganic absorbent material up and remove to an approved disposal container. Dispose according to UK/EU Environmental regulations.

7 - Handling and storage:

Precautions in handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage conditions: 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.

Fire protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8 - Exposure controls and personal protection:

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.

Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection: Use safety glasses.

Work/Hygiene practices: Wash hands with soap & water after handling

9 - Physical data and chemical properties:

Colour: Colourless to pale brownish yellow

Appearance: Mobile liquid

Odour: Warm, minty herbaceous

Specific gravity @ 20°C: 0.910 - 0.938

Relative density @ 20°C: 0.9230 - 0.9470

Refractive index @ 20°C: 1.484 - 1.495

Flash point (°C): > 61

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: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11 - Toxicological information:

Acute oral rat LD50 >5g/kg: See RIFM monograph (1978) FCT,16, 871 special issue IV.

12 - Ecological information:

Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment

Biodegradability: Not determined

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:

UN 3082: Applies
Road (ADR/RID): Class 9 Packing Group III
Air (IATA/CAO): Class 9 Packing Group III
Sea (IMDG): Class 9 Packing Group III
CHIP: See section 15

15 - Regulatory information:

Hazards: Harmful, Dangerous for the environment

Symbols: Xn, N

Risk Phrases: R10 Flammable.
R22 Harmful if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases: S24 Avoid contact with skin
S37 Wear suitable gloves
S61 Avoid release to the environment. Refer to special instructions/safety data sheets
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show container or label

16 - Other information:

Cosmetics Directive 7th Amendment: Restrictions may apply. A possible source of Limonene (at 100% - 24%) - and Linalool (at 100% - 0.2%), listed as sensitizers. Check maximum usage levels for skin care products before use.

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

SHELF LIFE

When stored within advised conditions, re-test after 12 months then every 3 months up to a maximum shelf life of 36 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.