

# AKÖMA™

FROM THE HEART

## MATERIAL SAFETY DATA SHEET

### 1 - Identification of Product and Supplier

<u>Product Name:</u>	<b>Peppermint Piperita Essential Oil Organic</b>				
<u>Biological Definition:</u>	The volatile oil obtained by steam distillation of the leaves and flowering tops of Mentha x Piperita L. Mitcham type. Fam. Labiatae, usually followed by the purely physical processes of demethylation and rectification.				
<u>INCI Name:</u>	Mentha Piperita Oil				
<u>Synonyms &amp; Trade Names:</u>	Mentha Piperita Extract				
<u>Internal Product Code:</u>	R00321				
<u>CAS-No:</u>	84082-70-2	EC No.	282-015-4	EINECS No.	282-015-4
<u>Supplier:</u>	<b>Akoma International (UK) LTD</b> Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
<u>Emergency Contact:</u>	Mr. Wynn Mensah – Tel: 01332 613 967				

### 2 - Hazards identification:

#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)	N/A
Classification (EU 1272/2008)	Physical and Chemical Hazards: Flam. Liq. 4 – H227 Human Health: Acute Tox.5 – H303; Skin Sens. 1 – H317; Asp. Tox. 1 – H304 Environment: Aquatic Acute 2 – H401; Aquatic Chronic 2 – H411

#### 2.2 Label elements

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

#### GHS Label:



GHS08

GHS07

GHS09

#### Signal word:

Danger

Page 1 of 8

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**Peppermint Piperita Essential Oil Organic - MSDS**

<b>Contains</b>	Alpha pinene natural, I-LIMONENE, Myrcene.
<b>Hazard Statements:</b>	H227 Combustible Liquid H303 May be harmful if swallowed H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H401 Toxic to aquatic life H411 Toxic to aquatic life with long lasting effects
<b>Precautionary Statements:</b>	P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection P301+310 IF SWALLOWED: Immediately call a POISON CENTRE or Doctor/Physician
<b>Supplementary Precautionary Statements:</b>	P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P272 Contaminated work clothing should not be allowed out of the workplace. P261 Avoid breathing vapour/spray P262 Do not get in eyes, on skin, or on clothing P264 Wash contaminated skin thoroughly after handling P321 Specific treatment (see medical advice on this label) P370+378 In case of fire: use foam, carbon dioxide, dry powder or water fog for extinction P302+352 IF ON SKIN: Wash with plenty of soap and water P312 Call a POISON CENTRE or doctor/physician if you feel unwell P331 Do NOT induce vomiting P332+313 If skin irritation occurs: Get medical advice/attention P333+313 If skin irritation or rash occurs: Get medical advice/attention P362 Take off contaminated clothing before reuse P391 Collect spillage P403+235 Store in a well ventilated place. Keep cool P405 Store locked up P501 Dispose of contents/container to....

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

### 2.3 Other hazards

**Adverse physio-chemical properties** N/A

**Adverse effects on human health** N/A

## 3 - Composition and information on ingredients:

### 3.1 Substances

30-60% L-Menthol CAS: 2216-51-5 EC: 218-690-9 Classification (EC 1272/2008) Skin Irrit. 2 – H315  
 15-30% Menthone CAS: 89-80-5 EC: 201-941-1 Classification (EC 1272/2008) Aquatic Chronic 3 – H412  
 5-10% Methyl Aetate CAS: 89-48-5 No: 201-911-8 Classification (EC 1272/2008) Aquatic Chronic 2 – H411  
 2.5 – 5% 1,8 Cineol CAS: 470-82-6 EC: 207-431-5 Classification (EC 1272/2008) Flam. Liq. 3 – H226  
 3 – 7.5% Menthofuran CAS: 494-90-6 EC: 207-795-5 Classification (EC 1272/2008) Acute Tox. 4 – H302, Skin Irrit. 2 –

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H315, Aquatic Chronic 2 –

H411

2.5 – 5% Alpha Pinene Natural CAS: 80-56-8 EC: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit.

2 – H315, Skin Sens.1 –

H317, Asp. Tox. 1 – H304

1-5% l-Limonene CAS: 5989-54-8 EC:227-815-6 Classification (EC 1272/2008) Flam. Liq.3 – H226, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic

Acute 1 – H400, Aquatic Chronic 1 – H410

1-5% Pulegone CAS:15932-80-6 EC:240-070-1 Classification (EC 1272/2008) Acute Tox. 4 – H302

0.5 – 2.5% Beta Caryophyllene CAS:87-44-5 EC:201-746-1 Classification (EC 1272/2008) Asp. Tox. 1 – H304

### 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 below

Inhalation

Remove to fresh air at once. If breathing is difficult get medical help.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300ml). Get medical attention immediately.

Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water.  
N Get medical attention if any discomfort continues.

Eye Contact

Immediately flush eyes with water for 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if discomfort continues.

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

Inhalation: May irritate respiratory tract.

Ingestion: May cause nausea.

Skin Contact: May cause irritation and stinging.

Eye Contact: May cause irritation and reddening

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

N/A

## 5 - Fire - Fighting measures:

### 5.1 Extinguishing Media

Foam, carbon dioxide or dry powder.

DO NOT USE A DIRECT STREAM OF WATER.

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*Peppermint Piperita Essential Oil Organic - MSDS*

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

Carbon monoxide, unidentified organic compounds may be formed during combustion.

## 5.3 Advice for fire-fighters

In case of overheating, cool containers to avoid a pressure increase. Wear Protective clothing and avoid inhalation of vapours.

## 6 - Accidental release measures:

### 6.1 Personal precautions

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

### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground.

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

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite, transfer used material to a suitable waste container and dispose of in accordance with regulations.

### 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.

Take Risk, Safety and Precautionary phrases (section 16) into account.

## 7 - Handling and storage:

### 7.1 Precautions for safe handling

Avoid inhalation of vapours/spray and contact with skin and eyes.

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

Store in tightly closed original container in a dry, cool well ventilated place.

### 7.3 Specific end use(s)

N/A

## 8 - Exposure controls and personal protection:

### 8.1 Control Parameters

None.

### 8.2 Exposure Controls

Eye protection



Use safety goggles.

Hand protection



Use chemically resistant gloves.

Hygiene Measures

Good personal hygiene practices are always advisable, especially when working with chemicals/oils.

Engineering Measures

Provide adequate ventilation.

Respiratory Equipment

None required when used in well-ventilated area. Use inhalation protection in poorly ventilated areas.

## 9 - Physical data and chemical properties:

### 9.1 Information on basic physical and chemical properties

Appearance	Clear liquid
Colour	Colourless to very light yellow
Odour	Characteristic
Specific Gravity @ 20°C	0.880 – 0.915
Flash Point (°C)	N/A
Refractive Index	1.450 – 1.470
Optical Rotation @ 20°C	-15.0 to -35.0
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

N/A

## 10 - Stability and Reactivity:

### 10.1 Reactivity

No dangerous reactions known.

### 10.2 Chemical stability

Stable under the recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

No additional data available.

### 10.4 Conditions to avoid

Extreme temperatures.

### 10.5 Incompatible materials

Highly reactive chemicals, such as concentrated sulphuric acid, which may produce unknown reaction products and so cause additional hazards.

### 10.6 Hazardous decomposition products

Not known.

## 11 - Toxicological information:

### 11.1 Information on toxicological effects.

Acute toxicity:	Not available for a complex mixture of different substances.
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 additional data available.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bio-accumulative potential

No additional data available.

### 12.4 Mobility in soil

Insoluble in water.

### 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

Dispose of in compliance with all local and national regulations.

## 14 - Transport Information:



Warning Icon	None
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (limonene / alpha pinene)
UN No. Road	3082
ADR Class	9
Hazard No (ADR)	9
Hazchem Code	None
UN No. SEA	3082
IMDG Class	9
IMDG Pack Gr.	III
EMS	None
UN No. AIR	3082
Air Class	None
Air Pack Gr.	None

## 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 Sheets for Substances and Preparations

Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

### 15.2 Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

## 16 -Other Information:

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

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**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

**Risk Phrases in full:**

H315 Causes Skin Irritation  
H227 Combustible Liquid.  
H226 Flammable Liquid and vapour.  
H302 Harmful if swallowed.  
H412 Harmful to aquatic life with long lasting effects.  
H304 May be fatal if swallowed and enters airways.  
H303 May be harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H401 Toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.

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

**Disclaimer**

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