

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Corn Mint Oil, Organic**
Supplier: Gracefruit Ltd, 146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL,
Emergency Contact: 01324 411587

2 - Composition and information on ingredients:

INCI Name: **Mentha Arvensis (Corn Mint) Oil**
Chemical composition: Corn Mint Oil is steam distilled from the *Mentha arvensis L Labiatae* followed by (partial) dementholisation by refrigeration (sometimes fractional distillation also) to product a non crystallising oil at normal temperatures.
CAS No: 68917-18-0
EINECS No: N/A
NIOSH #: -
FEMA: 2848
FDA: 182.10 & 182.20
Formula: -
Tariff No: 3301 25 10
Application: Refreshing/masking
Soil Association Certified: Yes

3 - Hazards identification:

Xn – Harmful, Xi – Irritant, N - Dangerous to the environment

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: Carbon dioxide, foam, dry powder – spray extinguishing media to the base of the flames. Closed containers may build up pressure when exposed to heat – cool with water spray.
Extinguishing media to avoid: Direct sprays of water
Use Protective Equipment and Avoid inhalation of smoke and fumes: If inhaled seek immediate medical advice.

6 - Accidental release measures:

Personal Precautions: Gloves and eye protection should be worn when handling spillages.
Avoid flames or other potential sources of ignition. Avoid eye / skin contact and inhalation of vapour.
Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working environment.

Environmental Precautions: Do not allow discharge in drains, water supply or on soil. If spilt on soil or land use adequate cleaning measure in line with Government environmental protection legislation.

Clean Up Method: Remove all potential ignition sources. Contain spillage. Cover with non-combustible inert inorganic absorbent material. Sweep up and remove to an approved disposal container. Disposal according to UK/EU environmental regulations.

7 - Handling and storage:

General Handling Precautions: Handle in accordance with good occupational hygiene and safety practices in a well ventilated area. Avoid direct contact with skin and eyes. Avoid inhaling vapour. Use protective equipment such as gloves and eye goggles to minimise oil to skin contact. Do not eat, drink or smoke while handling.

Fire Protection: Keep away from sources of ignition & naked flames. Avoid static discharges in working area.

Storage Conditions Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.

8 - Exposure controls and personal protection:

Respiratory Control: Where ventilation may be inadequate, wear self-contained breathing apparatus. Avoid breathing product vapour.

Hand/Skin Protection: Wear impervious gloves – avoid all skin contact.

Eye Protection: Wear eye protection e.g. safety goggles / glasses.

9 - Physical data and chemical properties:

<u>Form:</u>	Mobile liquid at room temperature.
<u>Appearance @ 20°C:</u>	Almost colourless to pale yellow
<u>Odour:</u>	Characteristic, strong, fresh, minty
<u>Specific gravity @ 25°C:</u>	0.900 – 0.916
<u>Refractive index @ 25°C:</u>	1.457 – 1.467
<u>Evaporation rate:</u>	Slow
<u>Flash Point (°C):</u>	74
<u>Moisture content:</u>	No visible water
<u>Optical rotation @ 20°C (°)</u>	-10 to -32

10 - Stability and Reactivity:

It presents no significant reactivity hazardous alone or in contact with water.

Avoid contact with: Strong acids, alkali or oxidising agents.

Shelf Life: Min 12 months when stored in nitrogen flushed containers (36 months)

Decomposition: Likely to cause smoke and acrid fumes during combustion: carbon dioxide, carbon monoxide and other non-identified organic compounds maybe formed.

11 - Toxicological information:

Non toxic product if used in correct dosages – always dilute for skin or personal care. Skin patch testing is recommended for the final product.

12 - Ecological information:

Avoid spillage in environment: If spilt follow clear up procedures in line with Government environmental legislation – call emergency services if large spillage. Prevent surface contamination of soil, ground & surface water.

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13 - Disposal considerations:

Residue for disposal: According to local Government environmental regulations.

Waste packing: Observe local regulations.
Avoid disposing to drainage systems and into the environment – seek expert advice.

14 - Transport information:

Road (ADR/RID): No special requirements
Air (IATA): No special requirements
Sea (IMDG): No special requirements
CHIP: See Section 15

15 - Regulatory information:

Hazards: Not applicable
Symbols: Not applicable
Risk Phrases: Not applicable
Safety Phrases: Not applicable

16 - Other information:

Cosmetics directive 7th amendment: Restrictions may apply. A source of Limonene listed as a sensitiser. Check maximum usage levels for skin care products.

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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