



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: SPEARMINT OIL  
PRODUCT CODE: 30334  
SUPPLIER: The Soap Kitchen

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil obtained by steam distillation of the aerial parts of the herb *mentha spicata* (fam. Labiatae)

H-No: 3301.25	CAS No: 8008-79-5	Status: natural
CoE No: 285n	FEMA: 3032	Additives: none
FDA: 182.20	IFRA: see section 16	Application: Aromatherapy, skincare etc
RIFM: monograph	EINECS: 84696-51-5	RTECS:
INCI name: Mentha spicata		FCCIV: official

### 3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures.

### 4. FIRST-AID MEASURES:

INHALATION:	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
EYE CONTACT:	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
SKIN CONTACT:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
INGESTION:	Rinse mouth out with water. Seek medical advice immediately.
OTHER:	When assessing action take Risk & Safety Phrases into account (Section 15)

### 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED:	Use CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying 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 FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## 7. HANDLING & 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/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 & CHEMICAL PROPERTIES.

### COLOUR:

Colourless to pale brownish yellow

### APPEARANCE:

Mobile liquid

### ODOUR:

Warm, minty herbaceous

### SPECIFIC GRAVITY @ 20°C:

0.910 - 0.938

### REFRACTIVE INDEX @ 20°C:

1.484 -1.491

### KETONES AS CARVONE:

60% min

## 10. STABILITY & 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 LD<sub>50</sub> >5g/kg: See RIFM monograph (1978) FCT,16, 871 special issue IV.

## 12. ECOLOGICAL INFORMATION.

### 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 REGULATIONS.

### Road (ADR/RID):

n/a

### Air (IATA):

n/a

### SEA (IMDG):

n/a

### CHIP:

See section 15

## 15. REGULATORY INFORMATION. According to Directive 88/379/EEC

### HAZARDS:

n/a

### SYMBOLS:

n/a

### RISK PHRASES:

n/a

### SAFETY PHRASES:

n/a

## 16. OTHER INFORMATION.

Cosmetics Directive 7<sup>th</sup> Amendment: Restrictions may apply. A source of Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products

### 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 at 3 monthly intervals up to a maximum life of 36 months.

### Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

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