

# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: Melissa oil, blended

PRODUCT CODE: 30317

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: A standardised blend of natural essential oils including Lemongrass oil, Citronella oil, Litsea Cubeba Oil, Euclayptus, Citrus Oils and fractions thereof designed to generally replicate the profile and odour of true Melissa Oil.

H-No: CAS No: Status: Natural

CoE No: FEMA: Additives: None

FDA: IFRA: see section 16 Application: Aromatherapy, skin care etc

INCI name: Parfum (natural) FCCIV:

## 3. HAZARDS IDENTIFICATION:

Xi Irritant; Xn Harmful

## 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.
SKIN 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:	Pale yellow
APPEARANCE:	Mobile liquid
ODOUR:	Fresh, lemon balm / melissa
FLASH POINT °C:	79
SPECIFIC GRAVITY @ 20°C:	0.890 - 0.910
REFRACTIVE INDEX @ 20°C:	1.463 - 1.475

## 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.

Citronella oil LD<sub>50</sub> orl rat: >5g/kg LD<sub>50</sub> derm rbt: 4.7 g/kg\*

Skin irritation: (concentrated on rabbit skin) irritating

Test result on humans: 8% in petrolatum, closed patch test, 48h on 25 subjects: no sensitisation

Citridora oil : LD<sub>50</sub> orl rat: >5.0g/kg\*

Pine oil: LD<sub>50</sub> orl rat: 2.7g/kg

1,2- Propylenglycol: LD<sub>50</sub>: orl rat: >2.0g/kg

\* Literature RIFM-monograoh

**12. ECOLOGICAL INFORMATION.**

BIODEGRADABILITY: Data not available  
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

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

HAZARDS: Harmful, Irritating  
SYMBOLS: Xn, Xi  
RISK PHRASES: R65 May cause lung damage if swallowed  
R38 Irritating to the skin  
SAFETY PHRASES: S62 do not cause vomiting if substance has been swallowed, obtain medical advice immediately.  
S24 Avoid contact with skin

**16. OTHER INFORMATION.**

Cosmetics Directive 7<sup>th</sup> Amendment: Restrictions may apply. A source of Citral, Eugenol, Geraniol, Citronellol, 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 and 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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