

Melissa True

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MATERIAL SAFETY DATA SHEET
ACCORDING TO EC LEGISLATION 91/155/E EC
Date created: June 1998

Date revised: June 2005

1. Identification:

Commercial name: Melissa True
Botanical Nomenclature: *Melissa officinalis* (Balm Mint) Leaf oil
INCI name: *Melissa officinalis*
CAS number: 8014-71-9
EINECS CAS number: 90814-71-9
EEC No.: 282-007-0

2. Composition:

Main components: Limonene, Citral, Citronelol.
Additives (e.g. carriers, preservatives, antioxidants):

3. Potential Health Hazards:

Inhalation: None identified.
Skin: Concentrated liquid and vapours irritating to skin by prolonged exposure.
Eyes: Irritating to eyes with possible damage.
Ingestion: Harmful if swallowed.

4. First aid:

Inhalation: If discomfort is felt, remove person to a well ventilated area with plenty of fresh air.
Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water.
Eyes: Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice from a Medical Doctor.
Ingestion: Seek immediate medical care.

5. In case of fire:

Extinguishing Media: Foam, Carbon dioxide.
Do not use: Water.
Special precautions: wear breathing apparatus as toxic vapours may be released during fire.

6. Spill and Leak Procedure:

Individual precautions: Eliminate sources of ignition. Keep area well ventilated and isolate the spill.
Environmental protection: Prevent the liquid from entering the drains and sewers.
Cleaning methods: Soak up the spill using inert absorbents. For large spills use pumps.

7. Handling and storage:

Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).
Handle in a well ventilated area.
Keep away from sources of heat and ignition.

8. Personal Protection / Exposure control:

Respiratory protection: wear breathing apparatus when working in an area of high vapour concentration.
Skin protection: Use protective gloves. wear protective clothing when possibility exists of contact.
Eye protection: Goggles should be worn.
General precautions: Use good industrial hygiene practise.

9. Physicochemical properties:

Appearance:

Melissa True

Light brownish-yellow liquid

Odour:

Typical of Melissa, Lemony, Citrussy, Herbeaceous

pH:

Neutral

Boiling point:

Not available

Flash point:

63C

Autoignition Temperature:

Not available

Explosion Limits:

Not available

Vapour pressure (25°C):

Not available

Vapour Density:

>1 (air=1)

Specific Gravity (20°C):

0.88-0.92

Optical Rotation (20°C):

Not available

Refractive Index (20°C):

1.479 -1.499

Solubility in water (20°):

Negligible

Partition Coefficient log P o/w:

Not available

Evaporation rate:

<1 (Butyl Acetate=1)

10. Stability and Reactivity:

Chemical stability: Stable.

Conditions to avoid: Normally stable. Not reactive with water.

Hazardous Decomposition Products: Not available.

11. Toxicological Information:

According to RIFM- Monograph:

Acute Toxicity:

Melissa True

Oral LD50:

Not available

Dermal LD50:

Not available

Irritation:

Not available

Sensitisation:

Not available

Phototoxicity:

Not available

12. Ecotoxicological information:

Fish Toxicity: LCO/EC50: Not available.

Bacteriotoxicity: ECO/EC50: Not available.

13. Disposal Method:

Check Federal, State and Local Regulations.

14. Transport Information:

Non-hazardous material transport in suitable containers.

15. Legislation:

BEOA:

Hazard symbol: Xi

Risk Phrase: R38, R43

Safety Phrase: S24, S37

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FOR AND ON BEHALF OF SHIRLEY PRICE AROMATHERAPY LTD:
P.I Brealey..... (MANAGING DIRECTOR)
DATE: