

Melissa (Lemon Balm) SAFETY DATA SHEET

**1. Identification of the substance/preparation and of the company/undertaking**

*Identification of the product*

Product name: **Melissa (Lemon Balm) (*Melissa officinalis*)**

*Manufacturer/supplier identification*

Company: Calmer Solutions Limited  
Hadresham  
Woolborough Lane  
Outwood  
Surrey  
RH1 5QR.  
Telephone: +44 (0)1342 844658  
Telefax: +44 (0)1737 306065

Emergency Telephone No: Please contact your local NHS Direct

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**2. Composition/information on main ingredients**

Main ingredients: Essential oil of Melissa

CAS No USA: 8014-71-9

EC Number:

EINECS No:

FEMA No: 2113

CoE No: 280

TSCA:

Percentage of Hydrocarbon:

Concentration: 100%

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### 3. Hazards identification



Main hazards:	Irritant
Health effect - eyes:	May be irritating to eyes
Health effect - skin:	May be irritating to skin
Health effect - ingestion:	May cause lung damage if swallowed
Health effect – inhalation	May cause irritation to the lungs

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### 4. First aid measures

**First aid - eyes:**

Remove any contact lenses. Flush immediately with clean water for at least 15 minutes. OBTAIN MEDICAL ATTENTION.

**First aid - skin:**

Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. OBTAIN MEDICAL ATTENTION.

**First aid - ingestion:**

Wash out mouth with water and give water to dilute provided person is conscious. OBTAIN MEDICAL ATTENTION.

**First aid - inhalation:**

Remove from exposure. Provide fresh air. If breathing has stopped administer artificial respiration and oxygen if available. OBTAIN MEDICAL ATTENTION.

**Advice to physicians** - Treat symptomatically

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### 5. Fire fighting measures

**Suitable extinguishing media:** Use carbon dioxide, foam or dry powder.

***Unsuitable extinguishing media:***

***Special hazards of product:*** Carbon monoxide and unidentified organic compounds may be formed during combustion.

***Protective equipment for fire fighting:*** If fire severe wear self contained breathing apparatus.

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**6. Accidental release measures:**

***Personal protection:***

Wear appropriate protective clothing.

***Environmental precautions:***

Prevent the material from entering drains or water courses. Advise Authorities if such spillage does occur.

***Spillage:***

Contain spillage using earth, sand or other inert absorbent material.

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**7. Handling and storage**

***Handling:***

Keep container tightly closed when not in use. Use only in well ventilated area. Avoid contact with eyes, skin and clothing. Emergency showers and eye wash facilities must be readily available.

***Storage:***

Store in full sealed containers protected from heat and sources of ignition.

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**8. Exposure controls/personal protection**

Maintain adequate ventilation

***Respirator:*** Not normally required

***Hand protection:*** PVC or rubber gloves

***Body protection:*** If danger of splashing wear PVC or rubber apron

***Eye Protection:*** Use goggles or face shield

**Engineering control measures:**

Engineering methods to prevent or control exposure are preferred. Methods include personnel segregation, mechanical ventilators and control of process conditions.

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## 9. Physical and chemical properties

Form: Mobile liquid  
Colour: Pale yellow to yellow  
Odour: Lemony-citrus with methyl heptenone colouration

Boiling temperature: No Data  
Density (kg/m<sup>3</sup>): 0.8800 - 0.9100  
Optical Rotation: -50° to 0°  
Vapour pressure: Not Applicable  
- Density: Not Applicable  
Solubility in water: Insoluble

Flash point: >63°C  
Explosion limits: lower: Unknown  
upper: Unknown  
Ignition temperature: Unknown

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## 10. Stability and reactivity

**Stability:** Stable

**Incompatibility:** Avoid contact or contamination with strong acids, alkalis or oxidising agents.

**Hazardous Combustion & Decomposition:** Carbon monoxide and unidentified organic compounds may be formed during combustion. This product presents no significant reactivity hazard. It is stable and will not react violently with water. Hazardous polymerisation will not occur.

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## 11. Toxicological information

Acute toxicity: Possible skin sensitization

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## 12. Ecological information

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Mobility: No Data

Bioaccumulation: No Data

Exotoxicity: No Data

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**13. Disposal considerations**

Product disposal: Dispose of in accordance with all applicable local and national regulations.

Container disposal: Labels should not be removed from containers until they have been cleaned. Contaminated containers should not be treated as household waste. Containers should be cleaned using appropriate methods and then re-used (re-cycled) or disposed of by landfill or incineration as appropriate.

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**14. Transport information**

Description: Not Regulated

UN-No.: N/C                      RID: N/C

Class: N/C                      Packing Group: N/C

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**15. Regulatory information**

*Labelling according to EC directives*

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R-phrases: R38 Irritating to skin  
(Risk) R43 May cause sensitisation by skin contact

S-phrases: S24 Avoid contact with skin  
(Safety) S37 Wear suitable gloves

Einecs Listing: All components are either Einecs listed or classified as polymers

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## **16. Other information**

The information and recommendations contained in this data sheet are believed to be accurate and represent the best information currently available to us. No warranty, guarantee or representation is made by Calmer Solutions Limited as to the correctness or sufficiency of the information and recommendations in this data sheet, nor can it be assumed that all possible safety measures are contained in this data sheet or that additional measures may not be required under varying conditions and circumstances.

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**Please ensure that this Safety Data Sheet is passed to the appropriate person(s) in your company, who is (are) capable of acting on the information.**