

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

### *Identification of the product*

Product name: **Sandalwood (*Santalum album*)**

### *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 111

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

Main ingredients: Sandalwood oil western Australian 100%

CAS No USA: 8006-87-9

EINECS No: 284-111-1

Concentration: 100%

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### 3. Hazards identification



<i>Main hazards:</i>	Irritant
<i>Health effect - eyes:</i>	May be irritating to skin, may cause sensitization
<i>Health effect - skin:</i>	May be irritating to skin
<i>Health effect - ingestion:</i>	Harmful: may cause lung damage if swallowed
<i>Health effect – inhalation:</i>	May be irritating if inhaled

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### 4. First aid measures

<i>First aid - eyes:</i>	Remove any contact lenses. Flush immediately with clean water for at least 15 minutes. OBTAIN MEDICAL ATTENTION.
<i>First aid - skin:</i>	Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. OBTAIN MEDICAL ATTENTION.
<i>First aid - ingestion:</i>	Wash out mouth with water and give water to dilute provided person is conscious. OBTAIN MEDICAL ATTENTION.
<i>First aid - inhalation:</i>	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:** Do not use water jet.

**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:** Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

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

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## **8. Exposure controls/personal protection**

As appropriate to quantity handled

**Respirator:** Not normally required

**Hand protection:** PVC or rubber gloves

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

**Eye Protection:** Chemical goggles must be worn during handling

**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 oily liquid  
**Colour:** Pale yellow  
**Odour:** Sweet, woody almost roselike

**Boiling temperature:** 276°C

**Density (kg/m<sup>3</sup>):** 0.9400 – 0.9600

**Optical Rotation:**

**Vapour pressure:** No data

**- Density:** No data

**Solubility in water:** Slightly soluble

**Flash point:** 94°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:** No data

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## 12. **Ecological information**

**Mobility:** No data

**Bioaccumulation:** No data

**Exoticity:** 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:** Essential Oil

**UN-No.:** 1197                      **RID:** 31c

**Class:** 3.3                      **Packing Group:** III

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### 15. Regulatory information

*Labelling according to EC directives*



**R-phrases: (Risk)**    R36    Irritating to eyes  
                                  R37    Irritating to respiratory system  
                                  R38    Irritating to skin  
                                  R43    May cause sensitisation by skin contact

**S-phrases: (Safety)**    S26    In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
                                  S35    This material and its container must be disposed of in a safe way  
                                  S36    Wear suitable protective clothing  
                                  S39    Wear eye/face protection  
                                  S24/25 Avoid contact with skin and eyes

**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<sup>®</sup> 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.**