

Petitgrain SAFETY DATA SHEET

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

*Identification of the product*

Product name: **Petitgrain (*Citrus aurantium*)**

*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 petitgrain

CAS No USA: 8014-17-3

EC Number:

EINECS No: 277-143-2

FEMA No: 2855

CoE No:

TSCA:

Percentage of Hydrocarbon:

Concentration: 100%

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### 3. Hazards identification



Main hazards:	Flammable
Health effect - eyes:	Irritating to eyes
Health effect - skin:	May be irritating to skin
Health effect - ingestion:	Harmful: may cause lung damage if swallowed
Health effect – inhalation	May be irritating if inhaled

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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:** Great care should be taken if using a water jet.

**Special hazards of product:** This product may give rise to hazardous fumes in fire.

**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:**

Suitable storage is stainless steel, glass and aluminium. Store in a cool dry dark place, ideally below 0°C.

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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 liquid  
Colour: Yellow to brownish yellow  
Odour: Characteristic, bittersweet

Boiling temperature: No Data  
Density (kg/m<sup>3</sup>): 0.880 - 0.891  
Optical Rotation:  
Vapour pressure: Not Applicable  
- Density: Not Applicable  
Solubility in water: Completely insoluble

Flash point: 66°C (Closed cup)  
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:** Combustion will lead to oxides of carbon.

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## **11. Toxicological information**

Acute toxicity: Low order of acute toxicity

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## **12. Ecological information**

Mobility: No part of this product will dissolve rapidly in water

Bioaccumulation: Product not expected to bioaccumulate

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: Flammable liquids n.o.s.

UN-No.: RID:




Class: NR Packing Group:

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### **15. Regulatory information**

*Labelling according to EC directives*

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R-phrases: R10 Flammable  
(Risk) R65 Harmful: may cause lung damage if swallowed

S-phrases: S62 If swallowed, do not induce vomiting: seek medical advice  
(Safety) immediately and show this container or label

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.**

