

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

Identification of the product

Product name: **Pimento Berry** (Pimenta 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 111

2. Composition/information on main ingredients

Main ingredients: The Essential Oil of Pimento Berry

CAS No USA: 8006-77-7/84909-57-7

RTECS:

EINECS: 84929-57-7

TSCA:

Concentration: 100%

3. Hazards identification

None Identified

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 minutes. 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: Use CO₂, Dry Powder or Foam type Extinguishers, spraying recommended: 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 & ground waters.

- Cleaning up methods
- Remove all potential ignition sources.
- Contain spilled material

Cover for spillages: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe relevant local and national rules and regulations

7. *Handling and 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.

Hand 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 and chemical properties

Colour: Colourless to pale yellow

Appearance: Mobile liquid

Odour: Characteristic

Flash Point (°C): 94

Specific Gravity @ 20°C: 1.0300 – 1.0500

Refractive Index @ 20°C: 1.5270 – 1.5390

10. Stability and reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong alkali, acid or oxidising agents.

Decomposition: Liable to cause smoke and acrid fumes during combustion; carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological information

Acute toxicity LD50 Oral - rat - 3,600 mg/kg LD50 Dermal - rabbit - 2,820 mg/kg

12. Ecological information

Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Biodegradability: Data not available

Precautions: Prevent surface contamination of soil, ground & surface water.

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.

14. Transport information

Road (ADR/RID): N/A

Air (IATA): N/A

Sea (IMDG): N/A

CHIP: See section 15

15. Regulatory information

Hazards:

Harmful Symbols:

None

Risk Phrases:

R38 Irritating to skin

R43 May cause sensitisation by skin contact

R51/53 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

R65 Harmful: May cause lung damage if swallowed

Safety Phrases:

S24 Avoid contact with skin

S62 If swallowed, do not induce vomiting, seek medical advice immediately and show the container or label.

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.