

Menthol Crystals Safety Data Sheet

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

Identification of the product

Product name: **Menthol Crystals (*Mentha arvensis*)**

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

2. Composition/information on main ingredients

Main ingredients: Pure Menthol Crystals

CAS No USA: 2216-51-5

EC Number:

EINECS No:

FEMA No: 2665

CoE No:

TSCA:

Percentage of Hydrocarbon:

Concentration: 100%

3. Hazards identification



Main hazards:	None
Health effect - eyes:	May be irritating to eyes
Health effect - skin:	May be irritating to Skin
Health effect - ingestion:	May be an Irritant
Health effect – inhalation	None Identified

4. First aid measures

First aid - eyes:

Immediately flood the eye with plenty of water for at least 10 minutes holding eye open. OBTAIN MEDICAL ATTENTION.

First aid - skin:

Wash skin thoroughly with soap and water. Contaminated clothing should be washed before re-use. OBTAIN MEDICAL ATTENTION.

First aid - ingestion:

Immediately wash out mouth with water. Keep warm and at rest. Do not induce vomiting. OBTAIN MEDICAL ATTENTION.

First aid - inhalation:

Advice to physicians - Treat symptomatically

5. Fire fighting measures

Suitable extinguishing media: Use carbon dioxide, foam or dry powder. Only flammable at elevated temperatures.

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.

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. Transfer to suitable container prior to disposal.

7. Handling and storage

Handling:

Keep container tightly closed when not in use.

Storage:

Suitable storage is stainless steel, glass and aluminium. Store in a cool dry dark place.

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: 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.

9. *Physical and chemical properties*

Form: Solid
Colour: White
Odour: Characterisc of Peppermint

Boiling temperature: 212°C
Density (kg/m³): @ 25C (H20=1.0): 0.890
Optical Rotation:
Vapour pressure: (mm Hg @ 20oC): 0.8
- Density: No Data
Solubility in water: Sightly soluble

Flash point: Unknown
Explosion limits: lower: Not known
upper: Not known
Ignition temperature: Not known

10. *Stability and reactivity*

Stability: Stable under normal conditions

Incompatibility: Strong oxidising agents

Hazardous Combustion & Decomposition: Combustion will lead to oxides of carbon.

11. *Toxicological information*

Acute toxicity: ORAL LD50: 3,330 MG/KG RAT

12. *Ecological information*

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

Bioaccumulation: Product is not expected to bioaccumulate

Exotoxicity: No data

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.

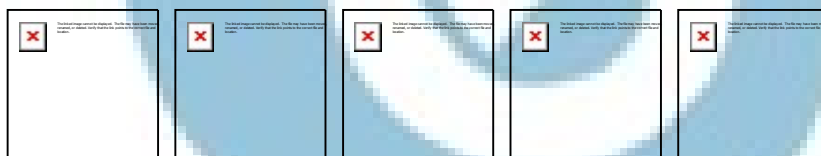
14. Transport information

Description:

UN-No.: N/C RID: N/C
Class: N/C Packing Group: N/C

15. Regulatory information

Labelling according to EC directives



R-phrases: R36
(Risk) R37
R38

S-phrases: S24
(Safety) S25

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

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.

