



Safety Data Sheet

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name Menthol Crystals

Other means of identification

Synonyms I-Menthol
Registration number(s) CAS: 2216-51-5

Recommended use of the chemical and restrictions on use

Recommended Use: Industry Use.
Uses advised against: No information available.

Details of the supplier of the safety data sheet

Chemistry Connection
253 Sturgis Road
Conway, AR 72034
(501) 470-9689

Emergency telephone number

During business hours (8am - 5pm Mon-Fri) 888-583-7738

Emergency telephone number

After business hours CHEMTREC 800-424-9300

2. Hazards Identification

Classification

Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2

Label Elements

EMERGENCY OVERVIEW

WARNING

Hazard statements

Causes skin irritation
Causes eye irritation



Appearance Crystalline

Physical state

Odor Characteristic Odor

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/eye protection/face protection.

Precautionary Statements - Response

Specific treatment

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Precautionary Statements - Storage

Store in accordance with local regulations.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)**Other Information**

- May be harmful if swallowed
 - Harmful to aquatic life
- 100% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Synonyms	I-Menthol
Formula	C ₁₀ H ₂₀ O
Chemical nature	Alcohol

Chemical Name	CAS No.	Weight-%
Menthol	2216-51-5	100

4. First Aid Measures

Description of first aid measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media

Use CO₂, dry chemical, or foam.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Irritating, or toxic substances may be emitted upon burning, combustion, or decomposition.

Explosion data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing.

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Cover powder spill with plastic sheet or tarp to minimize spreading.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin and Body Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Solid		
Appearance	Crystalline	Odor	Characteristic Odor
Color	Clear White	Odor threshold	Not applicable
Property	Values		
pH	Not applicable		
Melting point/freezing point	43°C		
Boiling point/ boiling range	216°C		
Flash Point	94°C / 201°F		
Evaporation Rate	Not applicable		
Flammability (solid, gas)	Not applicable		
Flammability Limit in Air			
Upper flammability limit:	Not applicable		
Lower flammability limit:	Not applicable		
Vapor pressure	0.02kPa	(20°C)	
Vapor Density	Not applicable		
Specific gravity	Not applicable		
Watersolubility	Not applicable		
Solubility in other solvents	Not applicable		
Partition coefficient	Not applicable		
Autoignition Temperature	270°C		
Decomposition temperature	Not applicable		
Kinematic viscosity	Not applicable		
Dynamic viscosity	Not applicable		
Explosive properties	Not applicable		
Oxidizing properties	Not applicable		
<u>Other Information</u>			
Softening point	Not applicable		
Molecular weight	156.27		
VOC content (%)	Not applicable		
Density	Not applicable		
Bulk Density	Not applicable		

10. Stability and Reactivity

No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight. Dust formation. Heat, flames and sparks. Take precautionary measures against static discharges.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	No data available.
Eye Contact	Avoid contact with eyes. Irritating to eyes.
Skin contact	Avoid contact with skin. Irritating to skin.
Ingestion	May be harmful if swallowed.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Causes serious eye irritation.
Sensitization	Not expected to cause skin sensitization.
Germ cell mutagenicity	Not classified.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards above the threshold value.
Developmental toxicity	None known.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

12. Ecological Information

Ecotoxicity

Harmful to aquatic life

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. Disposal Considerations**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. Transport Information

Not regulated

15. Regulatory Information**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No



CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide registration number: Not applicable

16. Other Information

Issue date	25-Aug-2014
Revision date	31-May-2018
Revision note	
No information available	
Disclaimer	

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Classification and labeling according to the IFRA/IOFI Labeling Manual 2017.

End of Safety Data Sheet