

Safety Data Sheet Menthol Crystals

July 13, 2018

Section 1: Chemical Product and Company Identification

Product name: Menthol Crystals
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number: Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

Classification of the substance or mixture:
Classification in accordance with
Regulation (EC) no. 1272/2008clp: Skin irritant 2; h315

Labeling according to regulation
(EC) no. 1272/2008 (CLP regulation): Product Identifier: 2216-51-5

Hazard Pictograms



Signal Word: Warning
Hazard Statements: H315: Causes skin irritation
Precautionary Statements:
P261: Avoid breathing dust/fumes/gas/ mist/vapor/spray.
P280: Wear protective gloves/eye protection/face protection.
P305 + P351 + P338: IF IN EYES, Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
P501: Dispose of contents/container in accordance with local/regional/national regulations.

Section 3: Composition/Information on Ingredients

Chemical name:	(1R,2S,5R)-2-isopropyl-5-methylcyclohexanol
Synonyms	3-p-Menthanol Hexahydrothymol Menthomenthol Peppermint camphor
CAS Number	2216-51-5
EINEC Number	218-690-9
Molecular Weight	218-690-9
Molecular Formula	C10H20O
Percent by Weight	100%

Section 4: First Aid Measures

Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion:	Rinse mouth and seek medical attention immediately. Do not induce vomiting. Loosen tight clothing such as collars, ties, belts etc. If the victim is not breathing, perform mouth to mouth resuscitation.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gasses:	Oxides of carbon
For firefighters:	Wear self-contained breathing apparatus for firefighting if necessary.
Explosion hazards in presence of various substances:	Risks of explosion of the product in presence of mechanical impact: Not available.
Special remarks on fire hazards:	When heated to decomposition it emits acrid smoke and irritating fumes.

Section 6: Accidental Release Measures

- Personal Precaution: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
- Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 7: Handling and Storage

- Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures
- Conditions for safe storage, including any incompatibilities: Keep away from source of heat and ignition, store tightly closed in cool places. Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

- Airborne Exposure Limits: None established
- Ventilation System: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact.
- Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9: Physical and Chemical Properties

- Appearance: Clear Crystalline and Colorless
- Odor: Penetrating, resembling that of peppermint
- Odor Threshold: No information found
- pH: No information found
- Melting Point: 42°C (107.6°F)
- Boiling Point: 212°C
- Flash Point: 93.4°C – closed cup
- Evaporation Rate (BuAc=1): No information found
- Flammability: No information found



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HANDCRAFT PROVISIONS

Upper/Lower Flammability Or Explosive Limits:	No information found
Vapor Pressure (mmHg):	No information found
Vapor Density (Air=1)	No information found
Relative Density:	0.896@25°C
Solubility:	Very soluble in alcohol
Partition Coefficient: n-octanol/water:	No information found
Auto-ignition temperature:	No information found
Decomposition temperature:	No information found
Viscosity:	No information found

Section 10: Stability and Reactivity

Reactivity:	No information found
Chemical Stability:	Stable under ordinary conditions of use and storage.
Possibility of Hazardous Reactions:	No information found
Conditions to Avoid:	Heat, flames, ignition sources and incompatibles.
Incompatible Materials:	Strong oxidizers, phenol, chloral hydrate beta-naphthol, pyrogallol, and resorcinol or thymol in titrations.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide form when heated to decomposition.

Section 11: Toxicological Information

Routes of Entry:	Absorbed through skin. Eye contact
Toxicity to Animals:	Not available
Chronic Effects on Humans:	Not available
Other Toxic Effects on Humans:	Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).
Special Remarks on Toxicity to Animals:	Acute Oral LD50: 3180 mg/kg [Rat]
Special Remarks on Chronic Effects on Humans:	Not available

Section 12: Ecological Information

Ecotoxicity:	Not available
BOD5 and COD:	Not available
Products of Biodegradation:	Not available
Toxicity of the Products of Biodegradation:	Not available. Do not discharge substance unmonitored into the environment. Indication of bioaccumulation.



Section 13: Disposal Conditions

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Do not put into sewer lines. Dispose of according to local, state and federal regulations.

Section 14: Transport Information

Transport Information: Not regulated

Section 15: Regulatory Information

Safety, health and environmental regulation/legislation specific for the substance or mixture: No data available

Chemical Safety Assessment: No data available

Section 16: Other Information

References: No data available
Other Special Considerations: No data available

Keep away from children and pregnant women.

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