

Menthol Crystals

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 09-18-2015
Supersedes: 11-06-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Menthol Crystals
Synonyms: Not available
INCI Name: Menthol
CAS Number: 89-78-1
Formula: C₁₀H₂₀O
Product Form: Solid (crystals)
Product Use: Cosmetic use

Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Skin Irrit. 2, Eye Irrit. 2

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315: Causes skin irritation
H319: Causes serious eye irritation

GHS Precautionary Statements:
Potential Health Hazards:

P281: Use personal protective equipment as required
Eyes: May be irritant.
Inhalation: Not expected to be irritant.
Skin: May be irritant.
Ingestion: May be irritant.

NFPA Ratings (704):

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	n/a	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Menthol	89-78-1	N/A	156.27 g/mol

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Give copious amounts of water to dilute and seek medical attention immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: CO₂, foam, dry chemical.
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: 195°F (SCC)
Specific hazards arising from the chemical: Data not available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:
Methods and material for containment and cleaning up:

See section 8 for recommendations on the use of personal protective equipment.

Prevent entry into waterways, sewers, basements or confined areas.
 If this product is liquid it can be absorbed using standard absorbents (sawdust, vermiculite) and swept up. If this product is a powder or crystal it can be swept up.

7 HANDLING & STORAGE

Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:

Handle in accordance with good industrial hygiene and safety practices. Avoid breathing dust and contact with eyes.
 Keep containers tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material.
 Protect containers against physical damage.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component
Menthol

Exposure Limits
N/A

Basis

Entity

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State: Solid (crystals)
Odor: Mint-like
Taste: Not available
Color: Clear to white
Molecular Weight: 156.27 g/mol
pH (10% sol. in water) Not available
Boiling Point: 212 °C (413 °F)
Melting Point: 42-44 °C (107-111 °F)
Flash Point: 195 °F (SCC)
Specific Gravity: 0.89

Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate: Not available
Flammability: Not available
Explosive Limit: Not available
Solubility: Slightly miscible in water.
 Soluble in alcohol and oils.

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Sunlight, heat and air to avoid discoloration and slow decomposition.
Incompatible Materials: Sunlight, heat and air to avoid discoloration and slow decomposition.
Hazardous Decomposition Products: Burning will produce carbon dioxide, carbon monoxide and smoke.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed as menthol.
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 09-18-2015

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer:

This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.