



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Menthol Crystals
SUPPLIER NAME:	Voyageur Soap and Candle Company Ltd.
SUPPLIER ADDRESS:	14 - 19257 Enterprise Way Surrey, BC V3S6J8 CA
TELEPHONE NUMBER:	1(800) 758-7773
RECOMMENDED USE:	For manufacturing and repackaging use only
EMERGENCY TELEPHONE NUMBER:	Chemtrec 1-800-424-9300 (24 hrs)
CAS NUMBER:	2216-51-5
EINEC NUMBER:	218-690-9
MOLECULAR WEIGHT:	156.3 g/mole
MOLECULAR FORMULA:	C ₁₀ H ₂₀ O

02. HAZARD 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:	Warning
SIGNAL WORD:	H315: Causes skin irritation
HAZARD STATEMENTS:	P261: Avoid breathing dust/fumes/gas/ mist/vapor/spray.
PRECAUTIONARY STATEMENTS:	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.

03. 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: 156.3 g/mole
MOLECULAR FORMULA: $C_{10}H_{20}O$
PERCENT BY WEIGHT: 100%

04. 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.

05. 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

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: 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.

06. 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.

07. HANDLING & 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.



08. EXPOSURE CONTROLS/PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:
VENTILATION SYSTEM:

None established.
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.

09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:
ODOR:
ODOR THRESHOLD:
pH:
MELTING POINT:
BOILING POINT:
FLASH POINT:
EVAPORATION RATE (BuAc=1):
FLAMMABILITY:

Clear Crystalline and Colorless
Penetrating, resembling that of peppermint
No information found
No information found
42°C (107.6°F)
212°C
93.4°C – closed cup
No information found
No information found

UPPER/LOWER FLAMMABILITY OR
EXPLOSIVE LIMITS:
VAPOR PRESSURE (mmHg):
VAPOR DENSITY (Air=1):
RELATIVE DENSITY:
SOLUBILITY:
PARTITION COEFFICIENT: n-octanol/water:
AUTO-IGNITION TEMPERATURE:
DECOMPOSITION TEMPERATURE:
VISCOSITY:

No information found
No information found
No information found
0.896@25°C
Very soluble in alcohol
No information found
No information found
No information found
No information found

10. STABILITY & REACTIVITY

REACTIVITY:
CHEMICAL STABILITY:
POSSIBILITY OF HAZARDOUS REACTIONS:
CONDITIONS TO AVOID:
INCOMPATIBLE MATERIALS:

No information found
Stable under ordinary conditions of use and storage.
No information found
Heat, flames, ignition sources and incompatibles.
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.



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

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.

13. DISPOSAL CONSIDERATIONS

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.
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14. TRANSPORT INFORMATION

TRANSPORT INFORMATION:	Not regulated
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15. REGULATORY INFORMATION

SAFETY, HEALTH & ENVIRONMENTAL REGULATION/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:	No data available
CHEMICAL SAFETY ASSESSMENT:	No data available

16. OTHER INFORMATION

REFERENCES:	No data available
OTHER SPECIAL CONSIDERATIONS:	No data available

Keep away from children and pregnant women.

Revised on 12/10/2020

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Voyageur Soap and Candle Company Ltd. believes the above information to be accurate based on the information available to Voyageur, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Voyageur meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Voyageur Soap and Candle Company Ltd. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.