


Section 1: Identification

Common Name/Trade Name	MENTHOL-L CRYSTALS USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	L-Menthol	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, oral (Category 5), Skin corrosion/irritation (Category 2), Hazardous to the aquatic environment, acute toxicity (Category 3)	
Signal Word	Warning	
Hazard Statement(s)	H303 H315 H402	May be harmful if swallowed Causes skin irritation Harmful to aquatic life
Pictogram(s)		
Precautionary Statement(s)	P264 P273 P280 P302+P352 P305+P351+P338 P312 P332+P313 P337+P313 P362 P501	Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	L-Menthol
Common Name	Menthol-L Crystals
CAS Number	2216-51-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Immediately remove any clothing soiled by the product and wash before reuse.
If Inhaled	Supply fresh air.
In Case of Skin Contact	Immediately rinse with water. If skin irritation continues, consult a doctor.
In Case of Eye Contact	Rinse opened eye for 10 minutes under running water. If symptoms persist consult a doctor.

If Swallowed	Rinse out mouth. Do not induce vomiting. Seek medical advice immediately and show the container or label.
Most Important Symptoms and Effects	No data available.
Section 5: Fire Fighting Measures	
Suitable Extinguishing Media	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Hazards Arising From the Substance/Mixture	Formation of toxic gases is possible during heating or in case of fire.
Special PPE and/or Precautions for Firefighters	Wear self-contained respiratory protective device. Wear fully protective suit. Additional information: Prevent firefighting water from entering surface water or groundwater.

Section 6: Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Ensure adequate ventilation - Do not breathe vapor/spray. - Avoid contact with the eyes and skin. - Wear protective clothing.
Methods and Materials Used for Containment	Do not allow to penetrate the ground/soil. - Do not allow to enter sewers/ surface or groundwater. - Keep contaminated washing water and dispose of appropriately.
Cleanup Procedures	If spilled in liquid state, absorb with liquid-binding material (e.g. Rotisorb® Art.- Nr. 1710.1). - If spilled in solid state, use appropriate tools to collect in an appropriate waste disposal container. - Finish cleaning by spreading water on the contaminated surface and dispose of the material collected as per local laws and regulations. - Ensure adequate ventilation.

Section 7: Handling and Storage	
Precautions for Safe Handling	Handling corresponding to laboratory safety guidelines.
Conditions for Safe Storage	Store in the original receptacles. - Do not expose to temperatures above 35°C. Information about storage in one common storage facility: Store away from foodstuffs.

Section 8: Exposure Controls/Personal Protection	
Components with Workplace Control Parameters	Ingredients with limit values that require monitoring at the workplace: Not required
Appropriate Engineering Controls	General protective and hygienic measures: - Do not eat, drink or sniff while working. - Keep away from foodstuffs, beverages and feed. - Immediately remove all soiled and contaminated clothing. - Wash hands before breaks and at the end of work. - Do not inhale gases/fumes/aerosols. - Avoid contact with eyes and skin.
PPE - Eye/Face Protection	Tightly sealed goggles
PPE - Skin Protection	Protective gloves: Material of gloves - Nitrile, thickness: 0,4 mm - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material - The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.
PPE - Body Protection	Protective work clothing
PPE - Respiratory Protection	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. - Use suitable respiratory protective device only when aerosol or mist is formed. - Required when vapors/aerosols are generated.

Section 9: Physical and Chemical Properties

Appearance	Colorless hexagonal crystals
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Fresh Pungent Peppermint
Vapor Pressure	(MMHg.) 300c: < 1
Odor Threshold	No data available
Vapor Density	5.38 (Air = 1)
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	40-44°C
Solubility	Practically insoluble in water.
Initial Boiling Point and Boiling Range	216°C
Flash Point	No data available
Evaporation Rate	N.A.
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	No data available
Possibility of Hazardous Reactions	No information available.
Conditions to Avoid	Strong oxidizing agents.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Dangerous decomposition products: Carbon Monoxide and Carbon Di-Oxide. Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD/LC50 values relevant for classification: - Oral LD50 3300 mg/kg
Acute Toxicity - Inhalation	No data available. Slight irritations.
Acute Toxicity - Dermal	- Dermal LD50>5 mg/kg. Slight irritations.
Acute Toxicity - Eye	Irritating effect.
Skin Corrosion/Irritation	Slight irritations
Serious Eye Damage/Irritation	Irritation effect
Respiratory or Skin Sensitization	Possible through skin contact.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available. Aquatic toxicity: Quantitative data on the ecological effect of this product are not available. Do not allow to enter waters, waste water, or soil! Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Toxic for fish
Persistence and Degradability	No further information available
Bio-accumulative Potential	No further information available
Mobility in Soil	No further information available
Other Adverse Effects	General notes: - Water hazard class 1 (German Regulation) (Self-assessment): hazardous for water - Do not allow product to reach groundwater, water course or sewage system. - Also poisonous for fish and plankton in water bodies. - Toxic for aquatic organisms

Section 13: Disposal Considerations

Waste Treatment Methods Product	The disposal is regionally differently regulated; therefore the kind of disposal is to be inquired at the responsible authorities. This material and its container must be disposed of as hazardous waste.
Waste Treatment Methods Packaging	No data available
Special Precautions Landfill or Incinerations	Disposal according to official regulations.
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

Labeling according to EU guidelines: Classification and labeling have been performed according to EU directive 67/548/EEC / directive 1999/45/EC. R-Phrases: R38: Irritating to skin S-Phrases: S 24/25: Avoid contact with skin and eyes. S 26: In case of contact with eyes. Rinse immediately with plenty of water and seek medical advice. S 36: Wear suitable protective clothing S 62: If swallowed, do not induce vomiting; seek medical help immediately and show the container or label. National regulations: Information about limitation of use: Employment restrictions concerning juveniles must be observed. In dealing with chemicals the national laws must be observed Water hazard class: Water hazard class 1 (Self-assessment): hazardous for water.

Section 16: Other Information

Additional Information	This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). Hazard Material Identification System (HMIS): Fire: 2 Health: 2 Reactivity: 0 Personal protection: E
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Revision Date	01/28/2025 12:38

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