


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
	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>
Product Synonym(s)	levo-Menthol; (-)-Menthol
Relevant Use(s) of Product	Manufacture or Compounding of Substances

Section 2: Hazards Identification	
Classification of Substance or Mixture	Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2A)
Signal Word	Warning
Hazard Statement(s)	H315 Causes skin irritation H319 Causes serious eye irritation
Pictogram(s)	
Precautionary Statement(s)	P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking. P233 Keep container tightly closed. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN Wash with soap and water. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. P332+P313 If skin irritation occurs Get medical advice/attention. P337+P313 If eye irritation persists Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403 Store in a well-ventilated place. P501 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	Cyclohexanol, 5-methyl-2-(1-methylethyl)-
Common Name	levo-Menthol; (-)-Menthol
CAS Number	2216-51-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures	
General Advice	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from an occupational health physician or other licensed health care provider familiar with workplace chemical exposures. In the United States, the national poison control center phone number is 1-800-222-1222. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen if available. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention.
If Inhaled	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
In Case of Skin Contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
In Case of Eye Contact	Rinse with water. Get medical attention if irritation develops and persists.
If Swallowed	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most Important Symptoms and Effects	Irritant effects.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Use fire-fighting media appropriate for surrounding materials. Water. Foam. Dry chemical or CO2.
<b>Special Hazards Arising From the Substance/Mixture</b>	No unusual fire or explosion hazards noted.
<b>Special PPE and/or Precautions for Firefighters</b>	Wear suitable protective equipment. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use a self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment.
<b>Methods and Materials Used for Containment</b>	Sweep up and vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.
<b>Cleanup Procedures</b>	Sweep up and vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	As a general rule, when handling chemicals, avoid all contact and inhalation of dust and mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly.
<b>Conditions for Safe Storage</b>	Store in a tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No exposure standards allocated.
<b>Appropriate Engineering Controls</b>	Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because if can control the contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials.
<b>PPE - Eye/Face Protection</b>	Safety glasses with side shields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g. bearing the ANSI Z 87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area.
<b>PPE - Skin Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
<b>PPE - Body Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination.
<b>PPE - Respiratory Protection</b>	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134)

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Form: Powder, Physical state Solid Colour: Colorless crystals, granules, or crystalline powder.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Peppermint odor
<b>Vapor Pressure</b>	0.008492 kPa at 25 °C
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	5.38
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	Melting point/freezing point 105.8 - 111.2 °F (41 - 44 °C)
<b>Solubility</b>	Solubility in water Slightly soluble.
<b>Initial Boiling Point and Boiling Range</b>	413.6 - 421.52 °F (212 - 216.4 °C)
<b>Flash Point</b>	200.00 °F (93.33 °C)
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	3.4
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No reactivity hazards known.
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	LD50 Oral Mouse 3400 mg/kg Rat 3300 mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	No data available
<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	Due to lack of data the classification is not possible.
<b>Germ Cell Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity IARC</b>	This product is not considered to be a carcinogen by IARC.
<b>Carcinogenicity ACGIH</b>	This product is not considered to be a carcinogen by ACGIH.
<b>Carcinogenicity NTP</b>	This product is not considered to be a carcinogen by NTP.
<b>Carcinogenicity OSHA</b>	This product is not considered to be a carcinogen by OSHA.
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity - Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	Based on available data, the criteria are not met.

## Section 12: Ecological Information

<b>Toxicity</b>	Ecotoxicity Product Menthol (CAS 2216-51-5) Aquatic Fish LC50 Fathead minnow (Pimephales promelas) 18.9 mg/l, 96 hours
<b>Persistence and Degradability</b>	No data is available on the degradability of this product.
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
<b>Waste Treatment Methods Packaging</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

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

## Section 15: Regulatory Information

US federal regulations CERCLA/SARA Hazardous Substances - Not applicable. All components are on the U.S. EPA TSCA Inventory List. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No SARA 302 Extremely hazardous substance No SARA 311/312 Hazardous chemical NO Other federal regulations Safe Drinking Water Act (SDWA) Not regulated. Food and Drug Administration (FDA) Not regulated. US state regulations California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## Section 16: Other Information

<b>Additional Information</b>	
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	07/03/2019 15:26

### Disclaimer

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