

Section 1: Identification

Common Name/Trade Name	LEVOCARNITINE 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-Carnitine Base	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Serious eye damage/eye irritation (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H318 Causes serious eye damage	
Pictogram(s)		
Precautionary Statement(s)	P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.	
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Levocarnitine
Common Name	L-Carnitine Base
CAS Number	541-15-1
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Obtain medical attention if breathing difficulty persists. When symptoms occur: go into open air and ventilate suspected area. Inhalation may cause immediate severe irritation progressing quickly to chemical burns. May be corrosive to the respiratory tract. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.
In Case of Skin Contact	Obtain medical attention. Remove contaminated clothing and wash affected skin with water or soap and water.
In Case of Eye Contact	Causes severe irritation which will progress to chemical burns. Causes permanent damage to the cornea, iris, or conjunctiva.
If Swallowed	Obtain medical attention. If swallowed, rinse mouth with water (only if person is conscious).
Most Important Symptoms and Effects	Symptoms/Injuries After Inhalation: Inhalation may cause immediate severe irritation progressing quickly to chemical burns. May be corrosive to the respiratory tract. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Symptoms/Injuries After Eye Contact: Causes severe irritation which will progress to chemical burns. Causes permanent damage to the cornea, iris, or conjunctiva. Chronic Symptoms: None known. Indication of Any Immediate Medical Attention and Special Treatment Needed If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Unsuitable Extinguishing Media: No data available.
Special Hazards Arising From the Substance/Mixture	Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Special PPE and/or Precautions for Firefighters	Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Firefighting Instructions: Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not breathe fumes from fires or vapors from decomposition. Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Hazardous Combustion Products: Thermal decomposition generates: Carbon oxides (CO, CO ₂). Sulfur oxides. Corrosive vapors. Other Information: Do not allow run-off from firefighting to enter drains or water courses.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	General Measures: Do not get in eyes. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Use only non-sparking tools. Protective Equipment: Use appropriate personal protective equipment (PPE). Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so. Equip cleanup crew with proper protection. Eliminate ignition sources. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
Methods and Materials Used for Containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.
Cleanup Procedures	Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Section 7: Handling and Storage

Precautions for Safe Handling	Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes. Do not breathe mist, spray, vapors. Take precautionary measures against static discharge. Use only non-sparking tools. Handle empty containers with care because they may still present a hazard. Use appropriate personal protective equipment (PPE). Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.
Conditions for Safe Storage	Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Comply with applicable regulations. Keep/Store away from extremely high or low temperatures, direct sunlight, ignition sources, and incompatible materials. Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Store in original container or corrosive resistant and/or lined container. Store locked up. Incompatible Products: Strong acids, strong bases, strong oxidizers. Halogenated compounds. Acid anhydrides. Aldehydes

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed. Avoid release to the environment. Other Information: When using, do not eat, drink or smoke
PPE - Eye/Face Protection	Chemical safety goggles.
PPE - Skin Protection	Wear protective gloves.
PPE - Body Protection	Wear suitable protective clothing. A full-face shield is recommended.
PPE - Respiratory Protection	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen-deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	White powder.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Characteristic
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	5.5-9.5
Relative Density	No data available
Melting Point/Freezing Point	No data available
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
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	Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Chemical Stability	hygroscopic substance, do not exposure to air.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
Incompatible Materials	Strong acids, strong bases, strong oxidizers. Halogenated compounds. Acid anhydrides. Aldehydes.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Not classified.
Acute Toxicity - Inhalation	No data available. Symptoms/Injuries After Inhalation: Inhalation may cause immediate irritation progressing quickly to chemical burns. May be corrosive to the respiratory tract.
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	Causes eye damage Symptoms/Injuries After Eye Contact: Causes severe irritation which will progress to chemical burns. Causes permanent damage to the cornea, iris, or conjunctiva.
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	Causes eye damage. Symptoms/Injuries After Eye Contact: Causes severe irritation which will progress to chemical burns. Causes permanent damage to the cornea, iris, or conjunctiva.
Respiratory or Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity IARC	Not classified
Carcinogenicity ACGIH	Not classified
Carcinogenicity NTP	Not classified
Carcinogenicity OSHA	Not classified
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	Not classified

Section 12: Ecological Information

Toxicity	Not classified.
Persistence and Degradability	Not established
Bio-accumulative Potential	Not established.
Mobility in Soil	No additional information available
Other Adverse Effects	Avoid release to environment.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of contents/container in accordance with local, regional, national and international regulations. Additional Information: No data available.
Waste Treatment Methods Packaging	No data available. Avoid release to the environment.
Special Precautions Landfill or Incinerations	No data available
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

SARA Section 311/312 Hazard Classes Not applicable. TSCA Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List. Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule. Section 12b None of the chemicals are listed under TSCA Section 12b. TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ. SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ. Section 313 No chemicals are reportable under Section 313. Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters. Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. OSHA: None of the chemicals in this product are considered highly hazardous by OSHA. STATE CAS# 541-15-1 is not present on state lists from CA, PA, MN, MA, FL, or NJ. California Prop 65 California No Significant Risk Level: None of the chemicals in this product are listed.

Section 16: Other Information

Additional Information	N/A
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