

Section 1: Identification

Common Name/Trade Name	Calcium L-5 Methyltetrahydrofolate	
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)
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-Glutamic acid, N-[4-[[[(6S)-2-amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]]methyl]amino] benzoyl]-, calcium salt (1:1); (6S)-5-Methyltetrahydrofolate calcium salt; L-Methylfolate calcium salt; LMCA; Levomefolate calcium; Calcium (S)-2-(4-(((S)-2-amino-5-methyl-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)amino)cyclohexanecarboxamido) pentanedioate.	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified.	
Signal Word	None	
Hazard Statement(s)	N/A	
Pictogram(s)	N/A	
Precautionary Statement(s)	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.	
Hazards Not Otherwise Classified	Not classified.	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Calcium -L-5-Methyltetrahydrofolate
Common Name	Calcium L-5 Methyltetrahydrofolate
CAS Number	151533-22-1
Impurities and/or Stabilizing Additives	No data available.

Section 4: First Aid Measures

General Advice	Consult a Physician, Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled	Remove to fresh air and seek medical attention. If breathing is difficult, give oxygen.
In Case of Skin Contact	Wash with soap for 15 minutes. If exposure is severe or irritation develops, seek medical attention.
In Case of Eye Contact	Immediately flush with water for at least 15 minutes. If discomfort persists, seek medical attention.
If Swallowed	Wash out mouth with water. Seek medical attention.
Most Important Symptoms and Effects	Not available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Hazards Arising From the Substance/Mixture	Likely to emit irritating fumes under fire conditions. Take reasonable care to avoid contamination of watercourses and drains.
Special PPE and/or Precautions for Firefighters	Wear breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear breathing apparatus and protective clothing; cordon off area (especially downwind).
Methods and Materials Used for Containment	Mix with sand or similar inert absorbent material, sweep up and place in closed containers for waste disposal. Avoid raising dust. Ventilate area and thoroughly wash spill site after material pickup is complete.
Cleanup Procedures	Mix with sand or similar inert absorbent material, sweep up and place in closed containers for waste disposal. Avoid raising dust. Ventilate area and thoroughly wash spill site after material pickup is complete.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact of this material with eyes, skin and clothing. Use chemical-resistant gloves and impervious overalls for operations that could result in skin contact. Avoid breathing dust or vapors. Use local exhaust ventilation. Use suitable respiratory protection, such as an air hood.
Conditions for Safe Storage	Store in a tight container. Store at a cool and dry place at a temperature between 15C and 30C at a Relative Humidity of 55% to 75%. Packing is filled with inert gas.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No official exposure limits have been set for this sample.
Appropriate Engineering Controls	Airborne exposure should be controlled primarily by controls such as general dilution, ventilation or process enclosure.
PPE - Eye/Face Protection	Face shields or goggles may be required if splash potential exists. Maintain eye wash facility in the work area.
PPE - Skin Protection	Chemically compatible gloves.
PPE - Body Protection	Chemically compatible gloves and PPE.
PPE - Respiratory Protection	Where respirators are deemed necessary to control occupational exposures, use NIOSH-approved respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	White to yellowish white powder.
Upper/Lower Flammability or Explosive Limits	No data available.
Odor	Not known.
Vapor Pressure	No data available.
Odor Threshold	No data available.
Vapor Density	No data available.
pH	No data available.
Relative Density	No data available.
Melting Point/Freezing Point	>300°C.
Solubility	Sparingly soluble in water.
Initial Boiling Point and Boiling Range	Not known.
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	No reactivity hazards known.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	None known.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, and nitrogen oxides.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Based on available data, the classification criteria are not met. Oral LD50- Mice and Rates = >2000 mg/kg body weight.
Acute Toxicity - Inhalation	Due to lack of data, the classification is not possible.
Acute Toxicity - Dermal	Based on available data, the classification criteria are not met. Dermal LD50- Mice and Rates = >2000 mg/kg body weight.
Acute Toxicity - Eye	Due to lack of data, the classification is not possible.
Skin Corrosion/Irritation	Based on available data, the classification criteria are not met.
Serious Eye Damage/Irritation	Based on the available data, the classification criteria are not met.
Respiratory or Skin Sensitization	Due to lack of data, the classification is not possible.
Germ Cell Mutagenicity	Due to lack of data, the classification is not possible.
Carcinogenicity IARC	Due to lack of data, the classification is not possible. This product is not considered to be carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity ACGIH	Due to lack of data, the classification is not possible. This product is not considered to be carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity NTP	Due to lack of data, the classification is not possible. This product is not considered to be carcinogen by IARC, ACGIH, NTP or OSHA.
Carcinogenicity OSHA	Due to lack of data, the classification is not possible. This product is not considered to be carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive Toxicity	Due to lack of data, the classification is not possible.
Specific Target Organ Toxicity - Single Exposure	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Repeated Exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard	Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity	No specific ecology data is available. Do not allow to enter drains, sewers, and watercourses.
Persistence and Degradability	No data available.
Bio-accumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	No data available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Disposal should be in according with local, state or Federal legislation. Dispose of as hazardous waste. Incineration is recommended.
Waste Treatment Methods Packaging	No data available.
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

US Federal regulations: CERCLA/SARA Hazardous Substances - Not applicable. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories: Immediate Hazard - No, Delayed Hazard - No, Fire Hazard - No, Pressure Hazard - No, Reactivity Hazard - No. Sara 302 Extremely hazardous substance - No. SARA 302 Extremely hazardous chemical - No. Other federal regulations. Safe Drinking Water Act (SDWA): Not regulated. Food and Drug Administration (FDA): Not regulated.

Section 16: Other Information

Additional Information	N/A
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