

Section 1: Identification

Common Name/Trade Name	PENTOXIFYLLINE 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)
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)	3,7-Dimethyl-L-(5-oxohexyl)-3,7-dihydro-1H-purine-2,6-dione.	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4)	
Signal Word	Warning	
Hazard Statement(s)	H302	Harmful if swallowed
Pictogram(s)		
Precautionary Statement(s)	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P262 Do not get in eyes, on skin, or on clothing. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. 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	3,7-Dimethyl-L-(5-oxohexyl)-3,7-dihydro-1H-purine-2,6-dione.
Common Name	Pentoxifylline
CAS Number	6493-05-6
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	In case of reactions described in hazards identification or other severe, immediate or persisting symptoms seek medical advice and call the nearest poison centre. Show the label and this safety data sheet.
If Inhaled	Assure fresh air breathing. Rest. If you feel unwell, seek medical advice.
In Case of Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
In Case of Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or tears or redness persist.
If Swallowed	Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable: Water spray. Carbon dioxide. Dry powder. Unsuitable: Do not use a heavy water stream. Use water spray or fog for cooling exposed containers.
Special Hazards Arising From the Substance/Mixture	Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.
Special PPE and/or Precautions for Firefighters	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
Methods and Materials Used for Containment	Remove ignition sources. Evacuate area.
Cleanup Procedures	To clean the floor and all objects contaminated by this material, use: Water / Detergent. Avoid dust production. Ensure adequate ventilation.

Section 7: Handling and Storage

Precautions for Safe Handling	Personal protection: Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. Technical protective measures: Material should be handled in a laboratory hood whenever possible. Handling: Handle in accordance with good industrial hygiene and safety procedures.
Conditions for Safe Storage	Storage - away from: All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials. Store in tight light resistant container at controlled room temperature.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Handling of small quantities in fume hood recommended. Mechanical exhaust, safety shower and eye bath required. Provide local exhaust or general room ventilation.
PPE - Eye/Face Protection	Chemical goggles or safety glasses.
PPE - Skin Protection	Wear suitable gloves resistant to chemical penetration.
PPE - Body Protection	Wear suitable protective clothing.
PPE - Respiratory Protection	Wear approved mask. (P2). In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

Appearance	A white or almost white crystalline powder.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	5 - 7
Relative Density	No data available
Melting Point/Freezing Point	103 - 107°C
Solubility	Soluble in water, freely soluble in methylene chloride, sparingly soluble in ethanol (96%)
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	n-octanol / water at 20°C: 0.56
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	Stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous decomposition products: Carbon monoxide. Carbon dioxide. Nitrogen oxides. When heated to decomposition, emits dangerous fumes. Hazardous reactions: None under normal conditions. Hazardous polymerization: Will not occur.
Conditions to Avoid	Light.
Incompatible Materials	Strong oxidizers.
Hazardous Decomposition Products	Hazardous decomposition products: Carbon monoxide. Carbon dioxide. Nitrogen oxides. When heated to decomposition, emits dangerous fumes. Hazardous reactions: None under normal conditions. Hazardous polymerization: Will not occur.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 1,170 mg/kg. Acute toxicity: Vascular disorders. Reduced blood pressure. Dizziness. Flush. Changes in blood pressure.
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
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	LC50- 96 Hour - fish [mg/L]: 100- 220. EC50 - 48 Hour - Daphnia magna [mg/L]: > 100. IC50- 72h- Algae [mg/L]: 1004.20. Biodegradation [%]: >80. Log P octanol / water at 20°C: 0.56.
Persistence and Degradability	Biodegradable
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	Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
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

Hazard Statements, Precautionary Statements refer to 2. HAZARDS IDENTIFICATION. According to regulation 1272/2008.

Section 16: Other Information

Additional Information	N/A
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