

Section 1: Identification

Common Name/Trade Name	PRAZIQUANTEL 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)
Product Synonym(s)	2-(Cyclohexylcarbonyl)-1,2,3,6,7-11b-hexahydro-4 Hpyrazino(2,1a)isoquinolin-4-one	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 3), Eye irritation (Category 2B), Skin sensitization (Category 3), Acute toxicity, Inhalation (Category 5)	
Signal Word	Warning	
Hazard Statement(s)	H302 H317 H320 H335	Harmful if swallowed May cause an allergic skin reaction Causes eye irritation May cause respiratory irritation
Pictogram(s)		
Precautionary Statement(s)	P264 P270 P281 P301+P312 P308+P313	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned Get medical advice/attention.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	2-(Cyclohexylcarbonyl)-1,2,3,6,7-11b-hexahydro-4 Hpyrazino(2,1a)isoquinolin-4-one
Common Name	Praziquantel
CAS Number	55268-74-1
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid
In Case of Skin Contact	Wash off with plenty of soap & copious amount of water. Immediately remove contaminated clothing and shoes. Wash Clothing before reuse. Call a physician.
In Case of Eye Contact	Rinse out with plenty of water for at least 15 minutes with the eyelid held wide open. Immediately summon eye specialist.
If Swallowed	Wash out mouth with water provided person is conscious. Do NOT induce Vomiting Call a physician.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	For small fires, use media such as foam, dry chemical or carbon dioxide. For large fires, use media such as foam, dry chemical, carbon dioxide or water. Specific method: Cool containers exposed to flames with water until well after the fire is out.
Special Hazards Arising From the Substance/Mixture	Emits toxic fumes under fire conditions.
Special PPE and/or Precautions for Firefighters	Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Observe precautions in the Protective Equipment section.
Methods and Materials Used for Containment	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container . Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills Immediately observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for dispose .Remove all Sources of ignition. Provide ventilation.
Cleanup Procedures	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container . Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills Immediately observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for dispose .Remove all Sources of ignition. Provide ventilation.

Section 7: Handling and Storage

Precautions for Safe Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty Containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or Open flames.
Conditions for Safe Storage	Preserve in a well ? closed, light resistant containers. Store at 25Å?Å° C, excursions permitted between 15Å?Å° C to 30 Å?Å° C

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Provide local exhaust ventilation. Ventilation equipment should be explosion-proof if explosive concentrations of dust or fumes are present.
PPE - Eye/Face Protection	Required. Maintain eye wash fountain and quick-drench facilities in work area.
PPE - Skin Protection	Handle with gloves. Gloves must be inspected prior to use.
PPE - Body Protection	Handle with gloves. Gloves must be inspected prior to use.
PPE - Respiratory Protection	Required. Any self-contained breathing apparatus that has a full face-piece and is operated in a pressure-demand or other positive pressure mode.

Section 9: Physical and Chemical Properties

Appearance	White Powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	Density/SG: 1.0630 g/cm ³
Melting Point/Freezing Point	135-141°C
Solubility	Very slightly soluble in water, freely soluble in alcohol and chloroform.
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	No reactivity hazards known.
Chemical Stability	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Incompatible materials, ignition sources, excess heat, strong oxidants.
Incompatible Materials	Oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral; rat ; 2,840 mg/kg; Oral LD50, Mouse: 2454 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data is available on the product.
Acute Toxicity - Eye	Causes eye irritation.
Skin Corrosion/Irritation	May be harmful if absorbed through skin. Causes skin irritation.
Serious Eye Damage/Irritation	Causes eye irritation.
Respiratory or Skin Sensitization	May be harmful if inhaled. Causes respiratory tract irritation.
Germ Cell Mutagenicity	No data is available on the product.
Carcinogenicity IARC	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Carcinogenicity ACGIH	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Carcinogenicity NTP	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Carcinogenicity OSHA	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Reproductive Toxicity	No data is available on the product.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	Not Available

Section 12: Ecological Information

Toxicity	Harmful to aquatic organisms. EC50-48 Hour-Daphnia magna [mg/L] : 35
Persistence and Degradability	Minimally biodegradable. Log P octanol / water at 20°C : 2.012
Bio-accumulative Potential	No data available
Mobility in Soil	No data available. Avoid release to the environment
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is Regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.
Waste Treatment Methods Packaging	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 emptied. Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non- contaminated packaging may be treated like household waste or recycled.
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

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

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
Revision Date	01/08/2019 14:06

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