

Section 1: Identification

Common Name/Trade Name	AMOXICILLIN TRIHYDRATE POWDER 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)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Respiratory sensitization (Category 1), Skin sensitization (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H317 H334	May cause an allergic skin reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled
Pictogram(s)		
Precautionary Statement(s)	P261 P272 P280 P285 P302+P352 P304+P341 P333+P313 P342+P311 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. IF ON SKIN Wash with soap and water. IF INHALED If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or a rash occurs Get medical advice/attention. If experiencing respiratory symptoms Call a POISON CENTER or doctor/physician. 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	Amoxicillin Trihydrate
Common Name	Amoxicillin Trihydrate
CAS Number	61336-70-7
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	In all cases of doubt, or when symptoms persist, seek medical attention.
If Inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
In Case of Skin Contact	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
In Case of Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If Swallowed	Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a POISON Center or doctor/physician if you feel unwell.
Most Important Symptoms and Effects	May cause sensitisation by inhalation and skin contact. May cause an allergic reaction, especially in case of existing sensitivity to penicillins. Acute effects: Possible eye, skin, gastrointestinal and/or respiratory tract irritation. Chronic effects: Possible hypersensitization, superinfections, and antibiotic-associated pseudomembranous colitis. Symptoms may be delayed. Treat symptomatically.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials. Do not use a heavy water stream.
Special Hazards Arising From the Substance/Mixture	Emits toxic fumes under fire conditions: Carbon monoxide. Carbon dioxide. Sulfur compounds. Nitrogen oxides.
Special PPE and/or Precautions for Firefighters	Evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Do not flush into surface water or sanitary sewer system.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Prevention of skin and eye contact. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
Methods and Materials Used for Containment	Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.
Cleanup Procedures	Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Place spillage in appropriately labeled container for disposal Wash spill site.

Section 7: Handling and Storage

Precautions for Safe Handling	Use personal protective equipment as required. Minimize dust generation and accumulation. Do not get in eyes on skin or clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Do not eat, drink or smoke when using this product. Take precautionary measures against electrostatic charging. Handle in accordance with good industrial hygiene and safety procedures.
Conditions for Safe Storage	Preserve in tightly closed containers, protected from light. Keep away from heat and ignition sources.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No exposure limit values available
Appropriate Engineering Controls	Provide local exhaust or process enclosure ventilation system.
PPE - Eye/Face Protection	Wear Safety glasses or goggles.
PPE - Skin Protection	Wear rubber gloves
PPE - Body Protection	Wear rubber gloves
PPE - Respiratory Protection	Wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

Appearance	White to off-white crystalline powder
Upper/Lower Flammability or Explosive Limits	Not available
Odor	Practically odorless
Vapor Pressure	Not applicable
Odor Threshold	Not available
Vapor Density	Not applicable
pH	3.5 - 5.5 (0.2% aqueous solution)
Relative Density	Not available
Melting Point/Freezing Point	>194Å°C
Solubility	Slightly soluble in water, very soluble in ethanol (96 percent), practically insoluble in fatty oils. It dissolves in dilute acids and dilute solutions of alkali hydroxides.
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Not available
Partition Coefficient	Log Pow: -0,124 at 20Å°C
Auto-Ignition Temperature	530Å°C (dust cloud)
Decomposition Temperature	Not available
Viscosity	Not applicable

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions of use.
Chemical Stability	Stable if stored according to specification
Possibility of Hazardous Reactions	Will not polymerize under normal temperature and pressure
Conditions to Avoid	Moisture, heat, light, sources of ignition, incompatible materials
Incompatible Materials	Oxidizing agents.
Hazardous Decomposition Products	Emits toxic fumes under fire conditions: Carbon monoxide. Carbon dioxide. Sulfur compounds. Nitrogen oxides.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LD50 > 15,000 mg/kg (rat)
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	May cause allergic respiratory reaction. May cause allergic skin reaction. Shows cross-allergency with penicillin. May cause allergic respiratory and skin reactions.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No carcinogenicity
Carcinogenicity ACGIH	No carcinogenicity
Carcinogenicity NTP	No carcinogenicity
Carcinogenicity OSHA	No carcinogenicity
Reproductive Toxicity	No reproductive toxicity.
Specific Target Organ Toxicity - Single Exposure	No information available
Specific Target Organ Toxicity - Repeated Exposure	No information available
Aspiration Hazard	No information available

Section 12: Ecological Information

Toxicity	Ecology - general: Small amounts: Hazardous waste. Use suitable disposal containers. Large amounts: Not applicable. Ecology - water: Soluble in water. Ecological toxicity: Fish: LC50: > 1000 mg/L/96h. Daphnia: EC50: >2300 ml/l (48h)
Persistence and Degradability	Biodegradable 88%
Bio-accumulative Potential	Log Pow: -0,124 at 20°C
Mobility in Soil	No information available
Other Adverse Effects	No information available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of this material and its container at hazardous or special waste collection point. Dispose of material in accordance with applicable local, state, and federal 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

EINECS: CAS # 64485-93-4 is not listed. DSD (67/548/EEC): CAS # 64485-93-4 is not listed. USA - TSCA: not listed. Canada - DSL: not listed. Australia - AICS: not listed. Korea - ECL: not listed. Japan - ENCS: not listed. China - IECSC: not listed.

Section 16: Other Information

Additional Information	N/A
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