


## Section 1: Identification

<b>Common Name/Trade Name</b>	ALUMINUM CHLORIDE HEXAHYDRATE USP	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Product Synonym(s)</b>	Aluminum chloride	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Skin irritation (Category 2), Eye irritation (Category 2A), Specific target organ toxicity - single exposure (Category 3), Respiratory system, Acute aquatic toxicity (Category 3), Chronic aquatic toxicity (Category 3)	
<b>Signal Word</b>	Warning	
<b>Hazard Statement(s)</b>	H315 H319	Causes skin irritation Causes serious eye irritation
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P261 P264 P270 P280 P302+P352 P304+P340 P305+P351+P338 P312 P332+P313 P337+P313 P362 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN Wash with soap and water. IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data Available	

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	Aluminum chloride hexahydrate
<b>Common Name</b>	Aluminum chloride hexahydrate
<b>CAS Number</b>	7784-13-6
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Take off all contaminated clothing immediately.
<b>If Inhaled</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Use oxygen as required, provided a qualified operator is present. Call a physician.
<b>In Case of Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Call a physician if irritation develops or persists.
<b>In Case of Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.
<b>If Swallowed</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician..
<b>Most Important Symptoms and Effects</b>	Not available

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Water spray Foam Carbon dioxide (CO2) Dry powder
<b>Special Hazards Arising From the Substance/Mixture</b>	In case of fire hazardous decomposition products may be produced such as: Aluminum oxides Gaseous hydrogen chloride (HCl).
<b>Special PPE and/or Precautions for Firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid dust formation. Do not swallow. Avoid breathing dust. Avoid contact with skin, eyes and clothing Provide adequate ventilation. Wear personal protective equipment. Unprotected persons must be kept away. Avoid dust formation
<b>Methods and Materials Used for Containment</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Do not flush into surface water or sanitary sewer system. Do not allow run-off from fire fighting to enter drains or water courses.
<b>Cleanup Procedures</b>	Ventilate the area. Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Wear personal protective equipment. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Use only in well-ventilated areas. Avoid dust formation. Do not swallow. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Normal measures for preventive fire protection.
<b>Conditions for Safe Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Protect from atmospheric moisture and water. Protect from physical damage. Store away from incompatible substances.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Avoid dust formation
<b>Appropriate Engineering Controls</b>	Use with local exhaust ventilation
<b>PPE - Eye/Face Protection</b>	Wear as appropriate: Safety glasses with side-shields Safety goggles Face-shield
<b>PPE - Skin Protection</b>	Impervious gloves Gloves must be inspected prior to use. Replace when worn.
<b>PPE - Body Protection</b>	Protective suit
<b>PPE - Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment. Use NIOSH approved respiratory protection

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	solid colorless
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	odorless
<b>Vapor Pressure</b>	no data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	2.5 - 3.5 at 20 °C (68 °F)
<b>Relative Density</b>	ca. 2.4 g/cm3 at 20 °C
<b>Melting Point/Freezing Point</b>	Melting point/range: 100 °C (212 °F)
<b>Solubility</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	No data available
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerisation does not occur.
<b>Conditions to Avoid</b>	Protect from atmospheric moisture and water.
<b>Incompatible Materials</b>	Water Protect from moisture. In damp air hydrochloric acid formation is possible.
<b>Hazardous Decomposition Products</b>	In case of fire hazardous decomposition products may be produced such as: Aluminum oxides Gaseous hydrogen chloride (HCl).

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	LD50 Oral - rat - 3,311 mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	No data available
<b>Acute Toxicity - Eye</b>	No data available
<b>Skin Corrosion/Irritation</b>	No data available
<b>Serious Eye Damage/Irritation</b>	No data available
<b>Respiratory or Skin Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity IARC</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Carcinogenicity ACGIH</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
<b>Carcinogenicity NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>Carcinogenicity OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
<b>Reproductive Toxicity</b>	Developmental Toxicity-mouse-Intravenous. Specific Developmental Abnormalities: Musculoskeletal system. Specific Developmental Abnormalities: Other developmental abnormalities.
<b>Specific Target Organ Toxicity - Single Exposure</b>	Inhalation-May cause respiratory irritation
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	Toxicity to fish LC50 - other fish 27.1 mg/l-96 h. Toxicity to daphnia and other aquatic invertebrates EC50-Daphnia magna (Water flea)-27.3 mg/l-48 h.
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life. May be harmful to aquatic organisms due to the shift of pH. Avoid release to the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	No data available
<b>Waste Treatment Methods Packaging</b>	No data available
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	Observe all Federal, State, and Local Environmental regulations

## Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	N/A

## Section 15: Regulatory Information

Inventories US. Toxic Substances Control Act : On TSCA Inventory Australia. Industrial Chemical (Notification and Assessment) Act : On the inventory, or in compliance with the inventory SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Acute Health Hazard

## Section 16: Other Information

<b>Additional Information</b>	
<b>Prepared By</b>	Lisa Russell
<b>Revision Date</b>	01/15/2019 15:11

### Disclaimer

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