


## Section 1: Identification

<b>Common Name/Trade Name</b>	SUCCINYLCHOLINE CHLORIDE DIHYDRATE	
<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>	N/A	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Acute toxicity, Oral (Category 3)Skin corrosion/irritation (Category 4), Serious eye damage/eye irritation (Category 2A),	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H301 H315 H319 H334 H335	Toxic if swallowed Causes skin irritation Causes serious eye irritation May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause respiratory irritation
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P264 P270 P281 P301+P312 P308+P313 P501	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. 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>	Ethanaminium, Suxamethonium chloride, dihydrate
<b>Common Name</b>	Succinylcholine chloride dihydrate
<b>CAS Number</b>	6101-15-1
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from an occupational health physician or other licensed health-care provider familiar with workplace chemical exposures.
<b>If Inhaled</b>	Remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid
<b>In Case of Skin Contact</b>	Wash off with plenty of soap & copious amount of water. Immediately remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician.
<b>In Case of Eye Contact</b>	Rinse out with plenty of water for at least 15 minutes with the eyelid held wide open. Immediately summon eye specialist
<b>If Swallowed</b>	Wash out mouth with water provided person is conscious. Do NOT induce vomiting. Call a physician..
<b>Most Important Symptoms and Effects</b>	Irritation of eyes, skin, and mucous membranes. May cause allergic respiratory reaction. Paralysis.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	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. Unsuitable extinguishing media: None known. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.
<b>Special Hazards Arising From the Substance/Mixture</b>	No unusual fire or explosion hazards noted.
<b>Special PPE and/or Precautions for Firefighters</b>	Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment.
<b>Methods and Materials Used for Containment</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.
<b>Cleanup Procedures</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as alkalis.
<b>Conditions for Safe Storage</b>	Store in a well-closed container, store at 25°C, excursion permitted between 15°C to 30°C.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available.
<b>Appropriate Engineering Controls</b>	Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials. Local exhaust ventilation such as a laboratory fume hood or other vented enclosure is recommended, particularly for grinding, crushing, weighing, or other dust-generating procedures.
<b>PPE - Eye/Face Protection</b>	Safety glasses with side shields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g., bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area.
<b>PPE - Skin Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic non-latex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
<b>PPE - Body Protection</b>	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic non-latex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy.
<b>PPE - Respiratory Protection</b>	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	White or almost white crystalline powder, hygroscopic
<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>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	about 160C
<b>Solubility</b>	Freely soluble in water, slightly soluble in alcohol and chloroform, practically insoluble in ether.
<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 reactivity hazards known.
<b>Chemical Stability</b>	Stable at normal conditions
<b>Possibility of Hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	Strong oxidizing agents, bases.
<b>Hazardous Decomposition Products</b>	Irritating and/or toxic fumes or gases like Carbon monoxide, carbon dioxide, hydrogen bromide and hydrogen chloride

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Toxic if swallowed LD50 Oral - rat - 125 mg/kg (OECD Test Guideline 423) Intravenous (rabbit) LD50: 0.24 mg/kg LD50 Intraperitoneal - mouse - 125 mg/kg. LD 50: Dosage that produces 50% mortality
<b>Acute Toxicity - Inhalation</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Acute Toxicity - Dermal</b>	Causes skin irritation. LD50 Dermal - rat - < 2000 mg/kg (OECD Test Guideline 402) LD50 Dermal-Rabbit –Not available
<b>Acute Toxicity - Eye</b>	Causes serious eye irritation
<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Germ Cell Mutagenicity</b>	The genotoxic potential of succinylcholine chloride has not been evaluated.
<b>Carcinogenicity IARC</b>	Not listed.
<b>Carcinogenicity ACGIH</b>	No data available
<b>Carcinogenicity NTP</b>	Not listed.
<b>Carcinogenicity OSHA</b>	Not listed.
<b>Reproductive Toxicity</b>	None anticipated from normal handling of this product. Animal reproduction studies have not been conducted with succinylcholine chloride.
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	None anticipated from normal handling of this product.

## Section 12: Ecological Information

<b>Toxicity</b>	No Ecotoxicity data noted for the ingredient(s).
<b>Persistence and Degradability</b>	No data is available on the degradability of this product.
<b>Bio-accumulative Potential</b>	Not available
<b>Mobility in Soil</b>	Not available
<b>Other Adverse Effects</b>	Not available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
<b>Waste Treatment Methods Packaging</b>	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). 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 container is emptied.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	UN2811
<b>UN Proper Shipping Name</b>	Toxic solids, organic, n.o.s. (Succinylcholine chloride)
<b>Transport Hazard Class(es)</b>	6.1
<b>Packaging Group</b>	III
<b>Environmental Hazards</b>	No data available

## Section 15: Regulatory Information

US federal regulations One or more components are not listed on TSCA. 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 311/312 Hazardous Chemical : No Other federal regulations Safe Drinking Water Act (SDWA): Not regulated. Food and Drug Administration (FDA): Not regulated. US state regulations California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	08/01/2019 16:57

### Disclaimer

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