


Section 1: Identification

Common Name/Trade Name	2,3 DIMERCAPTOSUCCINIC ACID	
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)	Succimerum Succimer	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2A), STOT Single Exposure, Respiratory tract irritation (Category 3)	
Signal Word	Warning	
Hazard Statement(s)	H315 H319 H335	Causes skin irritation Causes serious eye irritation May cause respiratory irritation
Pictogram(s)		
Precautionary Statement(s)	P261 P280 P305+P351+P338 P405	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Store locked up.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	2,3-Dimercaptosuccinic Acid(DMSA)
Common Name	2,3-Dimercaptosuccinic Acid(DMSA)
CAS Number	304-55-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No further relevant information available.
If Inhaled	In case of unconsciousness place patient stably in side position for transportation.
In Case of Skin Contact	Immediately wash with water and soap and rinse thoroughly.
In Case of Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
If Swallowed	Rinse out mouth and then drink plenty of water.
Most Important Symptoms and Effects	No further relevant information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing agents: Water spray Carbon dioxide Fire-extinguishing powder Foam
Special Hazards Arising From the Substance/Mixture	No further relevant information available.
Special PPE and/or Precautions for Firefighters	Wear fully protective suit.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Methods and Materials Used for Containment	Ensure adequate ventilation.
Cleanup Procedures	No data available.

Section 7: Handling and Storage

Precautions for Safe Handling	No special precautions are necessary if used correctly.
Conditions for Safe Storage	protect from light, prevent moisture, keep in a cool and dry place. Protect from humidity and water. Store in dry conditions. Store in cool, dry conditions in well sealed receptacles

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Not required.
Appropriate Engineering Controls	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin.
PPE - Eye/Face Protection	Tightly sealed goggles
PPE - Skin Protection	Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
PPE - Body Protection	Protective work clothing
PPE - Respiratory Protection	Suitable respiratory protective device recommended. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Color: White
Upper/Lower Flammability or Explosive Limits	Product is not flammable.
Odor	Recognizable
Vapor Pressure	Not applicable.
Odor Threshold	Not determined.
Vapor Density	Not determined.
pH	2.5-3.0
Relative Density	Not determined.
Melting Point/Freezing Point	190-194C (374-381.2F)
Solubility	Practically insoluble in water.
Initial Boiling Point and Boiling Range	Undetermined.
Flash Point	Not applicable.
Evaporation Rate	Not applicable.
Flammability (Solid, Gas)	No data available
Partition Coefficient	Not determined.
Auto-Ignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Possibility of Hazardous Reactions	Reacts with strong oxidizing agents
Conditions to Avoid	No further relevant information available.
Incompatible Materials	No further relevant information available.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LD50 >5011 mg/kg (mus)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available. Irritant to skin and mucous membranes.
Acute Toxicity - Eye	No data available. Irritating effect.
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available. No sensitizing effects known.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	Substance is not listed.
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Substance is not listed.
Carcinogenicity OSHA	Substance is not listed.
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	No further relevant information available.
Persistence and Degradability	No further relevant information available.
Bio-accumulative Potential	No further relevant information available.
Mobility in Soil	No further relevant information available.
Other Adverse Effects	No further relevant information available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations. Recommended cleansing agent: Water, if necessary with cleansing agents.
Waste Treatment Methods Packaging	Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations. Recommended cleansing agent: Water, if necessary with cleansing agents.
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

No further relevant information available. A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

Additional Information	N/A
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