

Section 1: Identification

Common Name/Trade Name	SODIUM CITRATE DIHYDRATE 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) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Trisodium 2-hydroxypropane-1,2,3, tricarboxylate dihydrate	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a hazardous substance or mixture.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Citrate, sodium, dihydrate
Common Name	Sodium citrate dihydrate
CAS Number	6132-04-3
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Treat symptomatically
If Inhaled	Move to fresh air.
In Case of Skin Contact	Wash off with warm water and soap.
In Case of Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids.
If Swallowed	Clean mouth with water and afterwards drink plenty of water.
Most Important Symptoms and Effects	Most important symptoms and affects, both acute and delayed Eyes Contact with eyes may cause mechanical irritation. Skin Product dust may cause mild, mechanical irritation. Inhalation Dust may cause irritation of respiratory tract. See section 8 of this sheet for exposure limits pertaining to nuisance dust or "particulates not otherwise regulated". Ingestion May be harmful if swallowed. (dependent on amounts) Health injuries are not known or expected under normal use. Main Symptoms Repeated or prolonged exposure may cause irritation of eyes and skin. Shortness of breath.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable Extinguishing Media Water. Carbon dioxide (CO ₂) Foam. Dry powder. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Unsuitable extinguishing media No information available.
Special Hazards Arising From the Substance/Mixture	Hazardous Combustion Products Carbon monoxide (CO). Carbon dioxide (CO ₂). Specific Hazards Arising from the Chemical None known.
Special PPE and/or Precautions for Firefighters	In the event of fire, wear self-contained breathing apparatus in accordance with EN 137:2006.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	In the event of fire, wear self-contained breathing apparatus in accordance with EN 137:2006. Ensure adequate ventilation.
Methods and Materials Used for Containment	Prevent further leakage or spillage if safe to do so. Keep in suitable, closed containers for disposal.
Cleanup Procedures	Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.

Section 7: Handling and Storage

Precautions for Safe Handling	Ensure adequate ventilation Avoid dust formation in confined areas Fine dust dispersed in air may ignite.
Conditions for Safe Storage	Keep in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	As an airborne dust, exposure limits pertaining to "particulates not otherwise regulated" have been provided below. Handle in accordance with good industrial hygiene and safety practice.
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.
PPE - Eye/Face Protection	Safety glasses with side shields.
PPE - Skin Protection	Long sleeved clothing. Protective gloves.
PPE - Body Protection	Long sleeved clothing. Protective gloves.
PPE - Respiratory Protection	Long sleeved clothing. Protective gloves. Respiratory Protection If exposed to airborne dust, at or above the noted exposure limits, use appropriate NIOSH approved (or equivalent) respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	Form: Powder / Granules Colour: Colorless to White
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	Not applicable
Vapor Density	No data available
pH	approx. 8.0
Relative Density	No data available
Melting Point/Freezing Point	Decomposes before melting
Solubility	Insoluble in: Alcohol. Water Solubility (approx. 42%)
Initial Boiling Point and Boiling Range	Not applicable
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	-0.2 to -1.8 (citric acid)
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors, Carbon monoxide (CO), Carbon dioxide (CO ₂).

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	5400 mg/kg bw (mouse)
Acute Toxicity - Inhalation	Dust may cause irritation of respiratory tract. See section 8 of this sheet for exposure limits pertaining to nuisance dust or "particulates not otherwise regulated".
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available Contact with eyes may cause mechanical irritation.
Skin Corrosion/Irritation	Based on available data, not, or only slightly irritating. Product dust may cause mild, mechanical irritation.
Serious Eye Damage/Irritation	Based on available data, no evidence of serious eye damage / irritation
Respiratory or Skin Sensitization	Based on available data, not expected to be a skin or respiratory sensitizer
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity IARC	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.
Carcinogenicity ACGIH	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.
Carcinogenicity NTP	No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.
Carcinogenicity OSHA	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.
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 data available
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Can be landfilled or incinerated, when in compliance with local regulations.
Waste Treatment Methods Packaging	Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.
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

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: 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. SARA 311/312 Hazards: No SARA Hazards. Massachusetts Right-To-Know Components: No components are subject to the Massachusetts Right-To-Know Act. Pennsylvania Right To Know Components: Trisodium citrate CAS-No. 6132-04-3. New Jersey Right-To-Know Components: Trisodium citrate CAS-No. 6132-04-3. California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Additional Information	
Prepared By	Lisa Russell
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Disclaimer

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