

This SDS complies with the US OSHA HCS 2012.

## 1. Product and Company Identification

**Product Code:** 0003458

**Product Name:** Sodium Citrate Solution

**Company Name:** CalibreScientific US, Inc.  
1311 SE Cardinal Ct Suite 170  
Vancouver, WA 98683

**Phone Number:** 1 (360)260-2779

**Web site address:** Alphatecsystems.com

**Email address:** Regulatory@calibrescientific.com

**Emergency Contact:** INFOTRAC  
International 00-1- (352)323-3500

**Information:** North America 1 (800)535-5053

**Intended Use:** For Laboratory Use

**Product List** Sodium Citrate Solution: Product Codes: 0003458.

## 2. Hazards Identification

**GHS Signal Word:** **None**

**GHS Hazard Phrases:** No phrases apply.

**GHS Precautionary Phrases:** No phrases apply.

**GHS Response Phrases:** No phrases apply.

**GHS Storage and Disposal Phrases:** No phrases apply.

**OSHA Regulatory Status:** While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Potential Health Effects (Acute and Chronic):** Chronic: None.

**Inhalation:** No hazard expected in normal industrial use. May be harmful if inhaled. May cause respiratory tract irritation.

**Skin Contact:** Skin: May be harmful if absorbed through skin. May cause skin irritation.  
Non-irritating to the skin.

**Eye Contact:** May cause eye irritation.

**Ingestion:** No hazard expected in normal industrial use. May be harmful if swallowed.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6132-04-3	Sodium citrate, dihydrate	24400. -29400. PPM

### 4. First Aid Measures

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**In Case of Skin Contact:** No specific treatment is necessary, since this material is not likely to be hazardous. Wash off with soap and plenty of water.

**In Case of Eye Contact:** No specific treatment is necessary, since this material is not likely to be hazardous. Flush eyes with water as a precaution.

**In Case of Ingestion:** No specific treatment is necessary, since this material is expected to be non-hazardous. Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Signs and Symptoms Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

**Flash Point:** NA Method Used: Estimate

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** NA

**Suitable Extinguishing Media:** Not available. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** No data available.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Personal precautions. Avoid dust formation.

Environmental precautions. Do not let product enter drains. Methods for cleaning up. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** No special handling procedures are required. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Precautions To Be Taken in Storing:** No special storage requirements. Store in a cool, dry place.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6132-04-3	Sodium citrate, dihydrate	No data.	No data.	No data.

<b>Respiratory Equipment (Specify Type):</b>	Respirator protection is not normally required. is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Eye Protection:</b>	Eye protection is not normally required. Safety glasses.
<b>Protective Gloves:</b>	Protective garments not normally required. For prolonged or repeated contact use protective gloves.
<b>Other Protective Clothing:</b>	Protective garments not normally required.
<b>Engineering Controls (Ventilation etc.):</b>	There are no special ventilation requirements.
<b>Work/Hygienic/Maintenance Practices:</b>	General industrial hygiene practice.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Colorless/Clear. Odorless.
<b>pH:</b>	No data.
<b>Melting Point:</b>	> 300.00 C
<b>Boiling Point:</b>	NA / 0.0 mm Hg
<b>Flash Point:</b>	NA Estimate
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data.                      UEL: No data.
<b>Vapor Pressure:</b>	No data.
<b>Vapor Density (vs. Air=1):</b>	No data.
<b>Specific Gravity (Water=1):</b>	No data.
<b>Solubility in Water:</b>	No data.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Autoignition Pt:</b>	NA
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	No data.

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** None.

**Hazardous Decomposition or Byproducts:** None. Carbon oxides.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

**Toxicological Information:** Epidemiology: No data available.  
Teratogenicity: No data available.  
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

**Carcinogenicity/Other Information:** CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.  
RCRA U-Series: None listed. Product.  
Contaminated packaging.  
Dispose of as unused product.

### 14. Transport Information

**GHS Classification:** No GHS classifications apply.

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material.  
**DOT Hazard Class:**  
**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** No information available.  
**UN Number:**  
**Hazard Class:** **TDG Classification:**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not dangerous goods.

**UN Number:**

**Hazard Class:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not dangerous goods.

**UN Number:**

**Packing Group:**

**Hazard Class:**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not dangerous goods.

**UN Number:**

**Packing Group:**

**Hazard Class:**

**15. Regulatory Information**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6132-04-3	Sodium citrate, dihydrate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6132-04-3	Sodium citrate, dihydrate	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No

**16. Other Information**

**Revision Date:** 02/28/2025 **Previous revision:** 12/27/2016

**Preparer Name:** A. Frontella

**Additional Information About This Product:** No data available.

**Document & Change Control Number** SDS0090.D.

**Company Policy or Disclaimer:** Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.