



## Material Safety Data Sheet

### Sodium citrate, 30%

#### Section 1 - Chemical Product and Company Identification

**MSDS Name:**

Sodium citrate, 30%

**Catalog Numbers:**

LC23660

**Synonyms:**

2-hydroxy-1,2,3-propanetricarboxylic acid trisodium salt

**Company Identification:**LabChem, Inc.  
200 William Pitt Way  
Pittsburgh, PA 15238**Company Phone Number:**

(412) 826-5230

**Emergency Phone Number:**

(800) 424-9300

**CHEMTREC Phone Number:**

(800) 424-9300

#### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
6132-04-3	Sodium citrate, Dihydrate	30

#### Section 3 - Hazards Identification

##### EMERGENCY OVERVIEW

*Appearance: colorless*

*Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation.*

*Target Organs: None.*

**Potential Health Effects****Eye:**

May cause mild eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

Ingestion of large amounts may cause gastrointestinal irritation.



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**Inhalation:**

May cause respiratory tract irritation. Low hazard for usual industrial handling.

**Chronic:**

No information found.

### Section 4 - First Aid Measures

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid.

**Skin:**

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

**Ingestion:**

Give conscious victim 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

**Inhalation:**

Move victim to fresh air immediately. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**Notes to Physician:**

Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

**General Information:**

Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

**Extinguishing Media:**

For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

CAS# 7732-18-5: Not published.

CAS# 6132-04-3: Not published.

**Explosion Limits:**

Lower:      Upper:

### Section 6 - Accidental Release Measures

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal.



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### Section 7 - Handling and Storage

#### Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing dust, vapor, mist, or gas. Avoid ingestion and inhalation.

#### Storage:

Keep from contact with oxidizing materials. Store capped at room temperature. Protect from heat and incompatibles.

### Section 8 - Exposure Controls, Personal Protection

#### Engineering Controls:

There are no special ventilation requirements.

#### Exposure Limits

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Sodium citrate, Dihydrate	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

#### OSHA Vacated PELs

### Personal Protective Equipment

#### Eyes:

Wear safety glasses with side shields.

#### Skin:

Wear appropriate gloves to prevent skin exposure.

#### Clothing:

Wear appropriate protective clothing to prevent skin exposure.

#### Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134. Always use a NIOSH-approved respirator when necessary.

### Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Color:** colorless

**Odor:** odorless

**pH:** <7

**Vapor Pressure:** No information found.

**Vapor Density:** No information found.

**Evaporation Rate:** No information found.

**Viscosity:** No information found.

**Boiling Point:** > 100°C (> 212.00°F)

**Freezing/Melting Point:** No information found.



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**Decomposition Temperature:** No information found.

**Solubility in water:** Soluble.

**Specific Gravity/Density:** >1

**Molecular Formula:** No information found.

**Molecular Weight:** No information found.

## Section 10 - Stability and Reactivity

### Chemical Stability:

Stable.

### Conditions to Avoid:

Incompatible materials.

### Incompatibilities with Other Materials

Strong oxidizers

### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide.

### Hazardous Polymerization

## Section 11 - Toxicological Information

### RTECS:

CAS# 7732-18-5: ZC0110000.

CAS# 6132-04-3 unlisted.

### LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 6132-04-3:

No information found.

### Carcinogenicity:

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 6132-04-3: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

### Epidemiology:

No information found.

### Teratogenicity:

No information found.

### Reproductive:

No information found.

### Mutagenicity

No information found.

### Neurotoxicity

No information reported



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**Section 12 - Ecological Information**

**Ecotoxicity:**

No information found.

**Environmental:**

No information reported.

**Physical:**

No information found.

**Other:**

No information found.

**Section 13 - Disposal Considerations**

Dispose of in accordance with federal, state, and local regulations.

**Section 14 - Transport Information**

**US DOT**

**Shipping Name:** Not regulated.

**Hazard Class:**

**UN Number:**

**Packing Group:**

**Section 15 - Regulatory Information**

**US Federal**

**TSCA**

CAS# 7732-18-5 is listed on the TSCA Inventory.

CAS# 6132-04-3 is not on the TSCA Inventory, however, its anhydrous form is on the inventory and so this hydrate is exempt from TSCA Inventory requirements (40CFR270.3(u)(2)).

**SARA Reportable Quantities (RQ)**

None of the components are on this list.

**CERCLA/SARA Section 313**

None of the components are on this list.

**OSHA - Highly Hazardous**

None of the components are on this list.

**US State**

**State Right to Know**

**California Regulations**

**European/International Regulations**



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**Canadian DSL/NDSL**

CAS# 7732-18-5 is listed on Canada's DSL List.

**Canada Ingredient Disclosure List**

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

CAS# 6132-04-3 is not listed on Canada's Ingredient Disclosure List.

**Section 16 - Other Information**

MSDS Creation Date: April 11, 1999

Revision Date: September 13, 2004

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