

# Quality Science Labs, LLC

## Material Safety Data Sheet (MSDS)

### Section 1- Chemical Product and Company Identification

#### Zinc Nitrate Solution

Quality Science Labs, LLC  
P.O. Box 159  
32600 Highway 24  
Lake George, CO 80827

Phone number: (866) 700-1884

CHEMTREC Emergency Phone Number: (800) 424-9300

### Section 2- Composition, Information on Ingredients

Zinc Nitrate (10196-18-6) 3-30%, Water (7732-18-5) 97-70%

CAS #: None Established

### Section 3- Hazards Identification

Clear, colorless, odorless solution.

Slightly toxic by ingestion. Corrosive to body tissues. Avoid all body tissue contact.

#### QSL At-A-Glance:

Health- 1

Flammability- 0

Reactivity- 0

Exposure-2

Storage-0

0 is low hazard, 3 is high hazard

### Section 4- First Aid Measures

Call a physician, seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Give no more than 1-2 cups of water for dilution. Do not induce vomiting. Call a physician or poison control at once.

**Section 5- Firefighting Measures**

Non-combustible liquid.

**NFPA Code:**

None Established

**Section 6- Accidental Release Measures**

Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container and dispose. See Sections 8 and 13 for further information.

**Section 7- Handling and Storage**

Store with amides, nitrates and nitrites.

**Section 8- Exposure Controls, Personal Protection**

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.

**Section 9- Physical and Chemical Properties**

Clear, colorless, odorless solution.

Concentration: 0.1 to 1.0 Molar.

**Section 10- Stability and Reactivity**

Shelf Life: Good.

**Section 11- Toxicological Information**

Acute effects: Corrosive

ORL-RAT LD50: 1190 mg/kg as zinc nitrate

Chronic effects: N.A.

IHL-RAT LC50: N.A.

Target Organs: N.A.

SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

**Section 12- Ecological Information**

Data not yet available

**Section 13- Disposal Considerations**

Please consult with state and local regulations.

**Section 14- Transport Information**

Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

N/A = Not applicable

**Section 15- Regulatory Information**

Not listed.

**Section 16- Other Information**

This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Quality Science Labs, LLC makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relation thereto. The data is offered solely for your consideration, investigation, and verification. Quality Science Labs, LLC assumes no legal responsibility for use or reliance upon this data.

Revision Date: August 23, 2011

**Quality Science Labs, LLC**

*QSL MSDS Prevent Chemical Accidents*

www.qualitysciencelabs.com  
P.O. Box 159 Lake George, CO 80827  
Phone: 866-700-1884 Fax: 866-746-7431