

Quality Science Labs, LLC

Material Safety Data Sheet (MSDS)

Section 1- Chemical Product and Company Identification

Nickel 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

Nickel Nitrate (13478-00-7) 3.6%, and Water (7732-18-5) 96.4%
Synonyms: nickel(II) nitrate, nickelous nitrate solution.

CAS#: None Established

Section 3- Hazards Identification

Green, odorless liquid.

Solid nickel nitrate is a known carcinogen by dust inhalation (IARC-1). This solution is much less hazardous, but should still be handled with care.

Irritating to body tissues. Avoid all body tissue contact.

QSL At-A-Glance:

Health- 1

Flammability- 0

Reactivity- 1

Exposure- 1

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: Rinse out mouth, give 1 to 2 cups of water or milk, induce vomiting. Call a physician or poison control at once.

Section 5- Firefighting Measures

Nonflammable, noncombustible 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 nitrides.

Store in a cool dry place. Use and dispense in a hood.

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

Green, odorless liquid.

Formula: $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

Formula Weight: 290.82

Section 10- Stability and Reactivity

Avoid contact with strong reducers and strong acids.

Shelf Life: Indefinite.

Section 11- Toxicological Information

Acute effects: Sensitizer, irritant ORL-RAT LD50: 1620 mg/kg as nickel 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

TSCA-listed, EINECS-listed (236-068-5) RCRA code D001

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.

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Quality Science Labs, LLC

QSL MSDS Prevent Chemical Accidents

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