

Quality Science Labs, LLC

Material Safety Data Sheet (MSDS)

Section 1- Chemical Product and Company Identification

Hydrochloric Acid

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

Hydrogen Chloride (7647-01-0) 0.364%, Water (7732-18-5) 99.64%

CAS#: None Established

Section 3- Hazards Identification

Clear, colorless liquid.

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, and of inhalation.

QSL At-A-Glance:

Health- 1

Flammability- 0

Reactivity- 0

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: Give large quantities of water. Call a physician or poison control at once.

Section 5- Firefighting Measures

Non-flammable 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. If necessary, neutralize the residue with a dilute solution of sodium carbonate. See Sections 8 and 13 for further information.

Section 7- Handling and Storage

Slightly reactive to reactive with alkalis.
Do not breathe gas/fumes/ vapor/spray.
Never add water to this product.
Keep container tightly closed.
Store in cool, well-ventilated area.

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 liquid.
Solubility: Easily soluble in cold water. Soluble in hot water, diethyl ether.

Section 10- Stability and Reactivity

Reactive with alkalis. Slightly corrosive in presence of glass.
Reacts violently to water, especially when water is added to the product.
Isolate hydrogen chloride from heat, alkalis, organic materials, oxidizers, amines, copper, alloys, hydroxides, and zinc.

Section 11- Toxicological Information

Acute effects: Irritant	ORL-RAT LD50: N.A.
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, OSHA-listed, WHMIS-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.

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Quality Science Labs, LLC***QSL MSDS Prevent Chemical Accidents***

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