

MSDS Waiver for Non-Hazardous Chemical Product

Lithium Chloride Solution

Revised: 11/04/2011

Replaces: None

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Carolina Biological Supply Company

2700 York Rd | Burlington, NC 27215 • to order: 800.334.5551 • for support: 800.227.1150

CAROLINA
www.carolina.com

Product Description

Product Name: Lithium Chloride Solution

Product Code(s): C19150

Size: 60 ml

Chemical Name: Lithium Chloride, Aqueous Solution

CAS Number: 7447-41-8

Formula: LiCl in H₂O

Synonyms: Lithium Solution

Distributor: Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)

Hazard Identification

Emergency Overview: Non-Hazardous under normal use.

Potential Health Effects:

Eyes: May cause irritation.

Skin: Non-Hazardous under normal use.

Ingestion: May cause gastrointestinal discomfort.

Inhalation: May cause irritation to respiratory tract.

Composition Information on Ingredients

Principal Hazardous Components: To the best of our knowledge, this product is non-hazardous, and is not subject to the requirements of 29 CFR 1910.1200.

First Aid Measures

Emergency and First Aid Procedures:

Eyes - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin - After contact with skin, wash immediately with plenty of water.

Ingestion - If swallowed, rinse mouth with water (only if the person is conscious).

Inhalation - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Special Precautions

Precautions to Take in Handling or Storing: Keep container tightly closed in a cool, well-ventilated place. Do not ingest or take internally. Suitable for any general chemical storage.

Physical Data

Molecular Weight: N/A

Melting Point: approx. 0°C (32°F)

Boiling Point: approx. 100°C (212°F)

Vapor Pressure: 14

Vapor Density (Air=1): 0.7

Specific Gravity (H₂O=1): approx. 1.0

Percent Volatile by Volume: 0%
Solubility in Water: Soluble

Evaporation Rate (BuAc=1): < 1
Appearance and Odor: Colorless, odorless solution.

Reactivity Data

Conditions to Avoid: Heat and sources of ignition.
Incompatibility (Materials to Avoid): Acids,

Additional Information

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH	American Conference of Governmental Industrial Hygienists
CAS Number	Chemical Services Abstract Number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOT	U.S. Department of Transportation
IARC	International Agency of Research on Cancer
N/A	Not Available
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
ppm	Parts per million
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act