

TECHNICAL DATA SHEET

Date of Issue: 2025/02/18

Lithium Chloride, 40 % solution in water

CAS-No.	7447-41-8
EC-No.	231-212-3
REACH No.	01-2119560574-35-0001
Molecular formula	LiCl
Product number	10001359, 10001360

APPLICATION Reagent for absorbers and air-conditioners; defrosting solution.

SPECIFICATION

LiCl	40.0 - 42.0%
Na	max 0.5%

PHYSICAL PROPERTIES

Appearance	liquid
Color	colorless

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries and affiliates. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.

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Please contact us at www.albemarle.com/contact with questions.



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Melting point/freezing point	(No data available)
Viscosity, dynamic	ca. 13 mPa.s at 20 °C
Viscosity, kinematic	(No data available)
Flash point	(No data available)
Boiling point/boiling range	> 100 °C
Density	ca. 1.26 g/cm ³ at 20 °C (40% LiCl)
Water solubility	(Not applicable)
Molecular weight	42.39 g/mol

HANDLING & STORAGE

Handling	Avoid prolonged contact with skin as concentrated salt solutions may cause irritations. After contact with skin, rinse with plenty of water and rub with cream.
Storage	The material can be stored in rustproof containers without taking special precautions.

TRANSPORT & PACKAGING

ADR

Not regulated as a dangerous good

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Hazard pictograms



Signal Word	Warning
H&P Phrases	See Safety Data Sheet
Labelling	The labelling is according to EU-GHS classification ((EG) 1272/2008) and may vary in other countries. Please refer to the respective Safety Data Sheet for your country.

Packaging

60 liters poly canisters (single use), 1000 L IBC

OTHER INFORMATION

Further Related Documents	Safety Data Sheet
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