

TECHNICAL DATA SHEET

Date of Issue: 2017/11/24

Lithium Chloride, 40 % solution in water

CAS-No.	7447-41-8
EC-No.	231-212-3
REACH No.	01-2119560574-35
Molecular Formula	CLi
Product Number	401113

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

SPECIFICATION

	Specification	Method of Analysis
LiCl	40.0 - 42.0 %	density
Na	max. 0.5 %	FES/AAS

PHYSICAL PROPERTIES

Appearance	liquid
Color	colorless
Viscosity, dynamic	ca. 13 mPa*s at 20 °C
Boiling point/boiling range	> 100 °C
Density	ca. 1.26 g/cm ³ at 20 °C (40% LiCl)
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.

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.

Technical data sheets may change frequently. You can download the latest version from our website www.albemarle-lithium.com. Please contact us at www.albemarle-lithium.com/contact with questions.



Storage The material can be stored in rustproof containers without taking special precautions.

TRANSPORT & PACKAGING

ADR
Not regulated as a dangerous good

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 Safety Data Sheet
Documents

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