

TECHNICAL DATA SHEET

Date of Issue: 2018/02/15

Lithium Bromide, typ. 55 % solution in water (Nitrate inhibited)

CAS-No.	7550-35-8
EC-No.	231-439-8
REACH No.	01-2119970708-24
Molecular Formula	LiBr
Product Number	401217

APPLICATION Operating medium for air-conditioning and air or gas-drying equipment.

SPECIFICATION

LiBr	53.0 - 55.0 %
LiNO ₃	0.044 - 0.052 %
Ca	max. 0.006 %
Mg	max. 0.003 %
SO ₄ (calculated)	max. 0.036 %
Alkalinity (as LiOH)	0.097 - 0.123 N

Additional values on request.

PHYSICAL PROPERTIES

Appearance	liquid
Color	colorless
Viscosity, dynamic	5.62 mPa*s at 20 °C
Flash point	(Not applicable) (unknown)
Density	1.6 g/cm ³ at 20 °C

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.



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Molecular weight 86.85 g/mol

HANDLING & STORAGE

Handling Avoid prolonged contact with skin as concentrated salt solutions may cause irritations.
After contact with skin, rinse immediately with plenty of water.

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

15 gallon (abt. 57 l) polyethylene drums

OTHER INFORMATION

Further Related Documents Safety Data Sheet

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