

# TECHNICAL DATA SHEET

Date of Issue: 2018/02/15

## Lithium Bromide, typ. 54 % solution in water (without inhibitor)

CAS-No.	7550-35-8
EC-No.	231-439-8
REACH No.	01-2119970708-24
Molecular Formula	LiBr
Product Number	401200

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

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### SPECIFICATION

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LiBr	53.0 - 55.0 %
Ca	max. 0.006 %
Mg	max. 0.003 %
SO <sub>4</sub> (calculated)	max. 0.036 %
Alkalinity (as LiOH)	0.097 - 0.123 N

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Additional values on request.

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### PHYSICAL PROPERTIES

Appearance	liquid
Color	colorless
Viscosity, dynamic	5.62 mPa*s at 20 °C
Flash point	(Not applicable)
Boiling point/boiling range	ca. 100 °C
Density	1.6 g/cm <sup>3</sup> at 20 °C

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Water solubility (completely miscible)

Molecular weight 86.85 g/mol

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## 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.

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## 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) and 30 gallon (abt. 114 l) polyethylene drums

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## OTHER INFORMATION

**Further Related Documents** Safety Data Sheet

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