

TECHNICAL DATA SHEET

Date of Issue: 2025/02/18

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

CAS-No.	7550-35-8
EC-No.	231-439-8
REACH No.	01-2119970708-24-0001 01-2119970708-24-0002
Molecular formula	LiBr
Product number	10000059, 10000061

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.

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PHYSICAL PROPERTIES

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

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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

15 gallon (abt. 57 l) polyethylene drums

OTHER INFORMATION

Further Related Documents	Safety Data Sheet
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