

LiBr

LITHIUM BROMIDE, Chromate Inhibited

50% w/w Solution

PRODUCT

Chemical Formula: LiBr

CAS: 7550-35-8

PRODUCT DESCRIPTION

Lithium Bromide, Chromate Inhibited is a clear aqueous 50% solution in water.

APPLICATIONS

Primarily used in air-conditioning systems as desiccant. It is also frequently employed in absorption chillers, where water serves as the refrigerant. Due to lithium bromide's high affinity for water, the system is a greener non-CFC substitute because it is simple to absorb excess vapor.

PRODUCT SPECIFICATIONS

Chemical:	Guaranteed (wt%)
Lithium Bromide (LiBr)	49.5 – 50.5
Lithium Chromate (Li ₂ CrO ₄)	0.25 – 0.29
Calcium (Ca)	20 ppm max
Magnesium (Mg)	10 ppm max
Sulphate (SO ₄)	0.02 max
Chloride (Cl)	0.05max
Normality (Alkalinity (as LiOH)	0.06N – 0.07N
Physical Properties:	
Insoluble solids	0.01 max
Density @ 20oC	1.6 g/ml
Foaming	Passes test

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

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HAZARDS

Harmful by ingestion. Irritating by contact with eyes and respiratory system. Not dangerous in transport by road /rail /sea. Please request the MSDS for this product..

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.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

LIMITED WARRANTY INFORMATION.

PLEASE READ CAREFULLY.

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For more information or answers to questions about the use in specific applications, contact your Technical Sales Representative or call Toll Free 1.833.LITHUSA (1-833-548-4872).

Visit our website at www.lithiumsalts.com