

LiBr

LITHIUM BROMIDE, Molybdate Inhibited

50% w/w Solution

PRODUCT

Chemical Formula: LiBr

CAS: 7550-35-8

PRODUCT DESCRIPTION

Lithium Bromide, Molybdate 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

Physical:	Clear or slightly hazy colorless aqueous solution
Chemical:	Guaranteed (wt%)
Lithium Bromide (LiBr)	49.5 – 50.5
Lithium Molybdate (Li ₂ MoO ₄)	0.013 – 0.017
Calcium (Ca)	20 ppm max
Magnesium (Mg)	10 ppm max
Sulphate (SO ₄)	0.02 max
Chloride (Cl)	0.05 max
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.

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).

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