

PRODUCT DATA SHEET

Lithium Chloride Anhydrous



**REFLECTA
LABORATORY
SUPPLIES**

Johannesburg | Cape Town | Mozambique

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Physical and chemical properties and other data	
Chemical Formula	LiCl
Molar Mass	42.39 g/mol
Melting Point	604 -606°C
Boiling Point	No data available
Ignition Point	No data available
Appearance	White hygroscopic crystalline powder
Density @ 20°C (g/ml)	Min. 2.068 g/ml

Storage and handling information	
Storage	Keep receptacle tightly sealed
Signal Word	Warning
Hazard Statements	Causes serious eye irritation, Harmful if swallowed, Causes skin irritation
Precautionary Statements	Avoid Breathing dust/fume/gas/mist/vapors/spray, wear protective gloves/clothing/eye/face protection, Wash thoroughly after handling



Transport Regulations	
Hazardous Class	Not Regulated as Dangerous Goods
Packing Group	Not Regulated as Dangerous Goods

Identifiers	
CAS Number	7447-41-8
UN Number	Not regulated as Dangerous Goods

Test	Specifications
Assay	≥99.0% (titration)
Sulphate (SO ₄ ²⁻)	< 0.01
Heavy Metals (as Pb)	< 0.001%
Calcium (Ca)	< 0.01%
Iron (Fe)	< 0.001%
Potassium (K)	< 0.01%
Sodium (Na)	< 0.02%
Alkaline earth salts	Passes test



Spill Tech: 086 100 0366

Emergency: 010 448 3426