

**Li<sub>2</sub>CO<sub>3</sub>****LITHIUM CARBONATE**

Superfine Grade

**PRODUCT**Chemical Formula: Li<sub>2</sub>CO<sub>3</sub>

CAS No. 554-13-2

**DESCRIPTION**

Lithium Carbonate Superfine Grade is an odourless, white free flowing powder with a median particle size is <40 microns. It is a high concentration lithium carbonate with low impurities and a narrow particle size distribution. The smaller particle size results in a higher effective surface area and thus is more reactive offering more predictable rates of reactions

**APPLICATIONS**

Lithium Carbonate Superfine Grade is used as a concrete accelerator for producing self-levelling floor compounds, ceramic tile adhesives, rapid setting grouts and repair mortars. It is used in tile adhesives, battery manufacture, glass production and ceramic glazing. It can be used as a precursor to making other lithium compounds.

## PRODUCT SPECIFICATIONS

	Typical (wt%)	Guaranteed (wt%)
Lithium Carbonate (Li <sub>2</sub> CO <sub>3</sub> )	99.2%	99.0 min
Loss @ 500°C	0.4	0.7 max
Chloride (Cl)	0.04	0.05 max
Sulphate (SO <sub>4</sub> )	0.05	0.08 max
Calcium (Ca)	0.08	0.12 max
Iron III oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.0007	0.002 max
Sodium (Na)	0.08	0.12 max
Potassium (K)	0.01	0.05 max
Insolubles	0.01	0.03 max

ORDERS and  
TECHNICAL SUPPORT

Lithium Salts of America  
is Division of ASG Chemie

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## PACKAGING

Material is available in 25 kg bags and super sacks.

## TOXICITY/SAFETY DATA HANDLING / STORAGE / DISPOSAL

Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.

## SHELF LIFE AND STORAGE

Avoid contact with eyes, skin and clothing. Wear safety glasses and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep containers closed.

## 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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