

Li_2CO_3

Lithium Carbonate

Grade: Superfine

PRODUCT

Chemical Formula Li_2CO_3

CAS No. 554-13-

DESCRIPTION

Lithium Carbonate Superfine Grade is an odourless, white free flowing powder. 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. That has a wide range of applications.

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

Parameters (units)	Typical Specifications
Lithium carbonate (%)	≥ 99.0
Sodium (%)	≤ 0.05
Potassium (%)	≤ 0.025
Iron (%)	≤ 0.004
Calcium (%)	≤ 0.025
Sulphate (%)	≤ 0.2
Chloride (%)	≤ 0.01
Insoluble, in HCl (%)	≤ 0.02
Moisture content (%)	≤ 0.5
Particle size distribution, Malvern D90 (µm)	6 – 12
Particle size distribution, Malvern D50 (µm)	~ 50

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

p: (352) 358-5826
e: info@lithiumsalts.com

PACKAGING

Material is available in 25 kg bags

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

Product should be stored in a dry place away from direct sunlight and humidity in sealed, original packaging.

LIMITED WARRANTY INFORMATION.

PLEASE READ CAREFULLY.

Lithium Salts of America (a Division of ASG Chemical Holdings, LLC. ASG CHEMIE) believes the information in this document to be accurate as at the date of preparation noted below, but, to the maximum extent permitted by law, Lithium Salts of America accepts no responsibility for any loss or damage caused by any person acting or refraining from action because of this information. The provision of this information should not be construed by anyone as a recommendation to use this product. No one should use any product in violation of any patent or other intellectual proprietary rights or in breach of any statute or regulation. Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

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