

Lithium Carbonate, ACS Grade

CAS No. 554-13-2

QS-PDS-1050 Revision: 05

Date of Last Revision: June 12, 2024

Formula:	Li ₂ CO ₃		
Appearance:	White powder		
Application:	Additive in specialty glasses and low-expansion ceramics, analytical agent.		
Product Specifications:	Li ₂ CO ₃ , wt. % Acid Insolubles, wt. % CI, wt. % NO ₃ , wt. % SO ₄ , wt. % Heavy Metals as Pb, wt. % Fe, wt. % Ca, wt. % Na, wt. % K, wt. %	99.0 0.01 0.005 0.2 0.002 0.002 0.01 0.1 0.01	max max max
Murgesh (SDS) - Physical Properties:	Molecular Weight Melting Point Specific Heat @ 25°C Standard Heat of Formation Heat of Fusion Density @ 20°C	73.89 720°C 0.315 cal/g -290.64 kca 10.7 kcal/m 2.094 g/cm	al/mole nole
Helen – Water Solubility:	1.3 wt. % @ 20ºC.		
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.		
Shipping Containers:	 100 Kg of product in a polyethylene-lined fiber drum. Four (4) fiber drums per pallet. 400 Kg per pallet. 20 Kg of product in a paper bag. Forty-four (44) bags per pallet. 880 Kg per pallet. 25 Kg of product in a paper bag. Forty (40) bags per pallet. 1000 Kg per pallet. 50 lbs of product in a paper bag. Forty-four (44) bags per pallet. 2200 lbs per pallet. 450 Kg of product in a supersack, stacked two (2) high, 900 Kg per pallet. 		

900 Kg of product in a supersack, single stacked. 900 Kg per pallet.



Shipping Limitations: Shipments of lithium carbonate require no dangerous goods shipping labels.

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Post, Parcel, Acceptable within each carrier's weight limits Air, Water, and packaging requirements. Rail, Truck

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