

Lithium Salts

Lithium Salts are used over a broad range of industries for applications in Building materials, Specialty Glass, Dyes and Pigments, Photographic developers, and Rubber and Plastics. Custom Synthesis, LLC offers the flexibility to the customer to tailor a specific Lithium Salt solution to the customers needs. These solutions can be made available in solvent or water over a range of concentrations. Custom Synthesis, LLC can also design a product by blending other customer specified materials with the salt solution to yield a specialized product. This can enable the customer to purchase materials in a desired concentration and package to save cost and additional processing. Most products are available in a wide range of packaging which varies from 5 gallon containers to 275 gallon tote tanks. Products offered include, but are not limited to, the materials listed below. If you have an interest in this area, we would be interested in talking with you concerning your specific product need. We have the capabilities to perform a number of other acid/base Lithium reactions.

<u>Products</u>	<u>CAS Number</u>	<u>Uses</u>
Lithium Acetate	546-89-4	Used as a raw material for pharmaceuticals Catalyst in polymerization Preparation of antistatic fibers Stabilization of polyvinyl chloride
Lithium Benzoate	553-54-8	Used as a raw material for pharmaceuticals Catalyst for the polymerization of polypropylene resins Aids in the hardening of polymers
Lithium Citrate	6080-58-6	Used as a raw material for Pharmaceuticals Used in Building materials
Lithium Formate	6108-23-2	Used for Fire Resistance Used in anti-fogging hydrophilic coatings Component of Batteries
Lithium Nitrate	7790-69-4	Strong Oxidizing Agent Additive in Fire Works Corrosion Inhibitor
Lithium Phosphate	10377-52-3	Additive for special glasses and enamels Additive to Building materials Stabilizer for polyurethanes
Lithium Sulfate	10102-25-7	Additive for specialty glasses and enamels Additive for Building materials
Lithium Carbonate/Potassium Carbonate Lithium Carbonate/Sodium Carbonate		Used in Fuel Cells