

LIBZ	Technical Datasheet
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Product Information: Lithium benzoate is used to impart a red color to fireworks.		
Chemical Name	LITHIUM BENZOATE (FIREWORK)	
Grade Name	LIBZ	
CAS No.	553-54-8	
EINECS No.	209-042-6	
Molecular Formula	C6H5COOLi	
Synonyms	<ul style="list-style-type: none"> BENZOIC ACID, LITHIUM SALT LITHIUM BENZOATE ANHYDROUS 	
TEST	SPECIFICATION	METHOD
Appearance	Fine white powder	Visual
Purity (On Li Content basis)	min 98 %	Atomic Absorption
Moisture Content	max 1.5 %	Oven drying (at 105 Deg C)
Acidity/Alkalinity	1 gm requires 0.2 ml of 0.1 N HCl or NaOH Solution	Titration
Heavy Metals (lead)	max 20 ppm	XRF analyser / Atomic Absorbtion / ICP
Arsenic Content	max 4 ppm	XRF analyser / Atomic Absorbtion / ICP
Mercury content	max 5 ppm	XRF analyser / Atomic Absorbtion / ICP
Cadmium content	max 5 ppm	XRF analyser / Atomic Absorbtion / ICP
pH	8.5-10.5	pH meter

Product Applications:

1. Lithium benzoate is used to impart a red color to fireworks.
2. It is used as a corrosion inhibitor in grease and lubes.
3. It is used as a catalyst for the polymerization of polypropylene resins. It is used as a plasticizer and antioxidant in high-temperature lubricants.

Product Benefits:

1. Improves Nucleation and ensures uniform crystal growth at higher temperatures.
2. Improves clarity of the polymerized product especially polymerized films.

Product Handling & safety:
Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Lithium Benzoate is not recommended for food contact polymers.

Title:
Chapter:
Subchapter:
Part:
Subpart:
Section:

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.