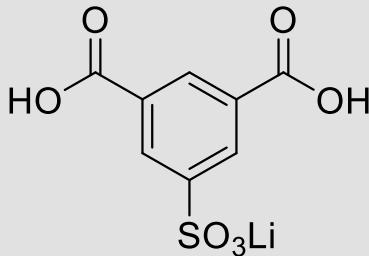


## FutureChem® LiSIPA

### 5-Lithiosulfoisophthalic Acid



#### Product Description:

FutureChem® LiSIPA is a high melting, water-soluble white solid used as an additive in polyester and polyamide applications.

#### Applications:

- Improves cationic dyeability and stain resistance in carpet and textiles
- Monomer for waterborne polyesters
- Monomer for nylon fibers
- Polyurethane urea polymers
- Component for resins used in paints

#### Product Availability:

- 100 kg Fiber Drums
- 350 kg Bulk Bags
- 700 kg Bulk Bags

#### For More Information:

##### FutureFuel Chemical Company

Attention: Customer Service  
 2800 Gap Road/P.O. Box 2357  
 Batesville, AR 72501  
 Phone: 870-698-3000  
 Email: [info@ffcmail.com](mailto:info@ffcmail.com)  
[www.futurefuelcorporation.com](http://www.futurefuelcorporation.com)

Property, Unit	Value
Formula	C <sub>8</sub> H <sub>5</sub> LiO <sub>7</sub> S
Molecular Weight, g/mol	252.13
CAS Number	[46728-75-0]
Appearance	Free flowing, crystalline solid
Color	White to off-white
Odor	Essentially odorless
Melting Point, °C	> 300
pH, 10% aqueous solution	1.8
Water, %	7.3

#### Specifications:

Property, Unit	Value
Assay, %	≥ 91.0
Sulfate, ppm as SO <sub>4</sub>	≤ 800
Iron, ppm	≤ 5.0
Acidity, % as H <sub>2</sub> SO <sub>4</sub>	≤ 0.20
Water, %	≤ 7.3
Absorptivity @ 400 nm, mL/g*cm (15% in water)	≤ 0.33
Solubility, (35% in water)	No solids
APHA Color, (5% in water)	≤ 20
Appearance, (15% in water)	Clear to pale yellow solution

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