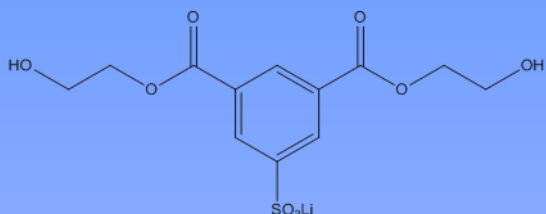


## Product Literature



## **FUTURE SOL<sup>®</sup> EG LISIP**

### **Bis(2-hydroxyethyl)-5-Lithiosulfoisophthalate 38 to 42% in Ethylene Glycol**

#### **Product Description:**

**FUTURE SOL<sup>®</sup> EG LISIP** is a clear to yellow liquid used as an additive in polyester and polyamide applications.

#### **Applications:**

- Used in production of Cationic dyeable polyesters
- Used in production of nylon fibers to improve dyeability

#### **Availability:**

- 2700 lb net wt Totes
- Other packaging upon request

#### **For More Information:**

FutureFuel Chemical Company  
Attention: Customer Service  
P.O. Box 2357  
2800 Gap Road  
Batesville, Arkansas 72503  
Telephone (870) 698-3000  
Fax (870) 698-3095  
<http://www.futurefuelcorporation.com>

#### **Physical Properties**

Property, Unit	Value
Formula	C <sub>12</sub> H <sub>13</sub> O <sub>9</sub> S·Li
Molecular Weight, g/mol	340.23
CAS Number	150099-94-8
Appearance	Clear to yellowish liquid
Odor	Odorless
Boiling Point, °C	197
Solubility in Water @ 25 °C, g/100 mL	Miscible
Specific Gravity @ 20°C	1.25
Flash Point, °C	>111

#### **Typical Specifications**

*(Data is representative of average lots; data taken from specific lots may vary.)*

Total Ester as LiSIPA-EG Ester%	38 to 42
Water, %	<2.0
Diethylene Glycol, %	<4.0

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