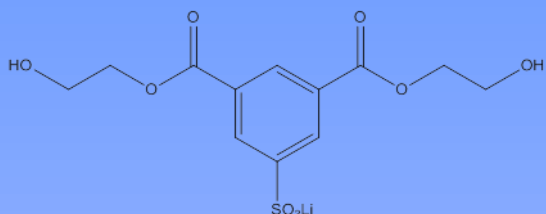


Product Literature



FUTURE SOL[®] EG LISIP

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

Product Description:

FUTURE SOL[®] 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 ₁₂ H ₁₃ O ₉ 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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