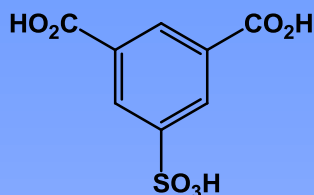


Product Literature



FUTURECHEM[®] SIPA Hydrate

5-Sulfoisophthalic Acid

Product Description:

FutureChem[®] SIPA is a water-soluble sulfonic acid. The electron-withdrawing nature of the two carboxylic acid moieties provide for an extremely strong sulfonic acid. The lack of a cation leads to metal-free polymerization products.

Applications:

- Monomer for Waterborne Polyesters and Nylon Fibers
- Acid Catalyst
- Precursor to Polymer Additive Salts

Availability:

- 90 kg Drums
- 500 kg Bulk Bags

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 ₈ H ₆ O ₇ S
Molecular Weight, g/mol	245.71
CAS Number	[22326-31-4]
Appearance	White to off-white
Melting Point, °C (DSC)	>197
pH, 10% aqueous solution	<1.2
Water Solubility @ 24°C, g/100g water	>100
Sales Specifications	
Assay, %	≥91.5
APHA Color	≤20
Water, %	≤8.0
Acidity, % as H ₂ SO ₄	≤0.4
Iron, ppm	≤2
Acetic Acid, %	≤0.2
Isophthalic Acid (Water Insolubles Method), ppm	≤150

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