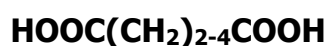


DBA-F™ Dibasic Acid Flake

Product Description

DBA-F™ is an aliphatic dibasic acid containing primarily glutaric, succinic, and adipic acids. DBA-F™ is specially processed to minimize impurities, particularly nitric acid and metals, and is provided in an easy-to-handle flake form.



Applications

- pH buffer for lime and limestone SO₂ scrubbers (flue gas desulfurization)
- Polyester polyols for polyurethanes and polyisocyanurates
- Scale removers and cleaning applications
- Polyester resins
- Water treatment chemicals
- Tanning agents
- Corrosion inhibitors

Typical Composition*

Component	Wt%	CAS Numbers
Glutaric Acid	40-70	110-94-1
Succinic Acid	10-30	110-15-6
Adipic Acid	10-30	124-04-9
Water	0-1	
Nitric Acid	<0.03	
Cu, V, Fe (total)	<0.005	
Bulk density	0.6-0.8 g/cm ³	
Appearance	Off-white to brown flake	

*DBA-F™ composition may vary.

General Information

Solubility of DBA-F™ in Water*

Concentration Weight %	Temperature, °C (°F)
20	18 (64)
50	34 (93)
80	83 (181)

Specific Gravity, 100°C (212°F)	50% DBA: 1.04 80% DBA: 1.13
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*May vary slightly with composition

Materials of Construction

Solutions of DBA-F™ in water are corrosive to carbon steel but have been handled satisfactorily in series 300 stainless steels. Type 304 L stainless steel is preferred. Viton® fluoroelastomer and Teflon® fluoropolymer have proven to be satisfactory materials for seals, gaskets, O-rings, etc.

Packaging Information

DBA-F™ is available 750 kg bags.

For additional information on physical properties, safety, and handling, please review the INVISTA DBA-F™ SDS.

For Samples and Information:

www.DBE.INVISTA.com

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