

Technical Data Sheet

Eastman™ n-Butyric Anhydride, Kosher

Applications

- Food flavors & food fragrances
- Pharmaceutical chemicals

Product Description

Eastman™ n-Butyric Anhydride is a water-white liquid that hydrolyzes to butyric acid. It has a minimum assay of 98%. It is available as a kosher product for use in food as a reactant only. All kosher products produced by Eastman™ are manufactured under rabbinical supervision in full accordance with Jewish dietary law.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	158.22
Empirical Formula	C ₈ H ₁₄ O ₃
Specific Gravity	0.967-0.972
Boiling Point	195 °C (383 °F)
Freezing Point	-73.3 °C (-99.7 °F)
Vapor Pressure @ 20°C	0.3 mm Hg
Refractive Index	1.4105 n(25°C/D)
Viscosity @ 25°C	1.52 cP
Coefficient of Expansion @ 20°C	0.000989
Solubility in Water, @ 25°C	Decomposes
Water In, @ 25°C	Decomposes
Flash Point	
Tag Closed Cup	82 °C (180 °F)
Tag Open Cup	84 °C (183 °F)
Fire Point	87 °C (189 °F)
Autoignition Temperature	279 °C (535 °F)
Flammability Limits in Air, % by Volume	
Lower @ 104°C	1.09 Vol %
Upper @ 144°C	7.6 Vol %
Wt/Vol @ 20°C	0.97 kg/L (8.059 lb/gal)

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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