

# Technical Data Sheet

## Eastman™ n-Butyric Anhydride

### Applications

- Food flavors & food fragrances
- Intermediates
- Lubricants
- Pharmaceutical chemicals
- Specialty chemicals

### Product Description

Eastman™ n-Butyric Anhydride is a water-white liquid that hydrolyzes to butyric acid. It has a minimum assay of 98%.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Molecular Weight	158.22
Empirical Formula	C <sub>8</sub> H <sub>14</sub> O <sub>3</sub>
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)
Form	Liquid
Color Pt-Co	15
Assay	98 wt %
Specific Gravity @ 20°C/20°C	0.97

## 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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