

# Technical Data Sheet

## Eastman™ Propionic Acid

### Applications

- Adhesives
- Adjuvants
- Agriculture intermediates
- Fertilizer
- Food and beverage intermediates
- Food flavors & food fragrances
- Fungicides int
- Herbicides - intermediate for other
- Insecticides int
- Other-food chemicals
- Pharmaceutical chemicals
- Process solvents
- Soil fumigants int

### Product Description

Propionic Acid is a general sales grade and may be used to produce numerous esters, salts, and other derivatives for use in the plastics, coatings, agricultural chemicals, food, flavor, and perfume industries.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Molecular Weight	74.08
Empirical Formula	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>
Form	Liquid
Color	
Pt-Co	10 ppm
Refractive Index	1.385 n(25°C/D)
Viscosity	
@ 25°C	1.16 cP
Vapor Pressure	
@ 25°C	2.7 mm Hg
Heat of Decomposition	367 k·cal/g
Specific Gravity	
@ 20°C/20°C	0.99
Freezing Point	-21 °C (-6 °F)
Boiling Point	141 °C (286 °F)
Flash Point	
Tag Closed Cup	52 °C (126 °F)
Fire Point	58 °C (136 °F)
Autoignition Temperature	466 °C (871 °F)
Solubility	
in Water, @ 25°C	Miscible
Water In, @ 25°C	Miscible
Assay	99 wt %

## 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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