



Product Data Sheet

Glacial Acetic Acid

Application/Uses

- General industrial uses
- Purified terephthalic acid (PTA) production
- Vinyl acetate monomer

Product Description

Acetic Acid is a raw material used for the production of many downstream products. For applications in drugs, foods, or feeds, Eastman provides glacial acetic acid in grades appropriate for these regulated uses.

Typical Properties

Property	Typical Value, Units
Molecular Weight	60.06
Empirical Formula	C ₂ H ₄ O ₂
Form	Liquid
Color	Colorless
Assay by Freezing Point	99.88 wt %
Boiling Point @ 760 mm Hg	118°C (244°F)
Freezing Point	16.4°C (62°F)
Vapor Pressure @ 20°C	11 mm Hg
Heat of Combustion	14.6 k·cal/g
Refractive Index	1.3698 n(25°C/D)
Viscosity @ 20°C	1.22 cP
Coefficient of Expansion @ 20°C	0.00107
Solubility in Water, @ 25°C	Miscible
Flash Point Tag Closed Cup	42°C (109°F)
Autoignition Temperature	516°C (961°F)
Specific Gravity @ 20°C/20°C	1.05