

Technical Data Sheet

Eastman™ Glacial Acetic Acid

Applications

- Adhesives/sealants-b&c
- Agriculture intermediates
- Apparel
- Architectural coatings
- Automotive protective coatings
- Building materials
- Commerical printing inks
- Construction chemicals
- Decorative interiors
- Fertilizer
- Food ingredients
- Food preservatives
- Formulators
- Hard surface care
- Industrial cleaners
- Institutional cleaners
- Intermediates
- Oil or gas processing
- Other-food chemicals
- Other-transportation
- Packaging components non food contact
- Paints & coatings
- Pharmaceutical chemicals
- Process additives
- Refining
- Specialty chemicals
- Starting material
- Water treatment industrial

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
General	
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

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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