

Technical Data Sheet

Eastman™ Acetic Anhydride, Kosher

Applications

- Agriculture intermediates
- Consumer housewares-nfc
- Food and beverage intermediates
- Food flavors & food fragrances
- Intermediates
- Other-food chemicals
- Process additives

Product Description

Acetic anhydride ((CH₃CO)₂O) is manufactured by Eastman as a kosher product that may be used in foods as a reactant only. All kosher products produced by Eastman are manufactured under rabbinical supervision in full accordance with Jewish dietary laws.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	102.1
Empirical Formula	C ₄ H ₆ O ₃
Assay	99.5 wt % min.
Color	
Pt-Co	<10
Specific Gravity	
@ 20°C/20°C	1.08
Wt/Vol	
@ 20°C	1.08 kg/L (9.02 lb/gal)
Boiling Point	139.9 °C (283.8 °F)
Freezing Point	-73.1 °C (-99.5 °F)
Vapor Pressure	
@ 20°C	4.6 mm Hg
Refractive Index	1.3898 n(25°C/D)
Viscosity	
@ 25°C	0.91 cP
Coefficient of Expansion	
@ 20°C	0.00145
Solubility	
in Water, @ 25°C	Decomposes
Water In, @ 25°C	Decomposes
Flash Point	
Tag Closed Cup	53 °C (127 °F)
Tag Open Cup	56 °C (132 °F)
Fire Point	58 °C (136 °F)
Autoignition Temperature	332 °C (630 °F)
Flammability Limits	
Lower	96.2 mg/L
Upper	381 mg/L

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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