

Technical Data Sheet

Eastman™ Ethyl Acetate, Food Grade

Applications

- Food ingredients

Key Attributes

- Batch storage
- High assay
- ISO certified
- Inert - Food use with limitations
- Inert - Nonfood use
- Meets Food Chemicals Codex (FCC) monograph requirements
- Produced under cGMP
- Readily biodegradable
- Validated process

Product Description

Eastman™ Ethyl Acetate, Food Grade is a colorless, fragrant, low-boiling solvent. This grade of ethyl acetate meets the monograph requirements for Ethyl Acetate, Food Grade, as set forth in the Food Chemicals Codex (FCC) and supplements. It is manufactured, processed, packed and held under appropriate Good Manufacturing Practices for use as a food chemical.

The chemical substances for this product are listed as Inert Ingredients Permitted for Use in Nonfood Use Pesticide Products, and in Food Use Pesticide Products with limitations, under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). For details on specific permissions, [click here](#).

Typical Properties

Property	Typical Value, Units
General	
Acidity	
as Acetic Acid	5.0 max.
Assay	99.85 wt % min.
Boiling Point	
@ 760 mm Hg	76-77.5 °C (168.8-171.5 °F)
Color	
Pt-Co	10 max.
Dilution Ratio	
Toluene	3.1
VMP Naphtha	1.1
Empirical Formula	C ₄ H ₈ O ₂
Ethyl Alcohol	0.01 wt % max.
Evaporation Rate	
(n-butyl acetate = 1)	4.1
Flash Point	
Tag Closed Cup	-4 °C (24 °F)
Freezing Point	-84 °C (-118 °F)
Molecular Weight	88.11
Refractive Index	
@ 20°C	1.37

Solubility	
in Water, @ 20°C	8 wt %
Water in, @ 20°C	3 wt %
Specific Gravity	
@ 25°C/25°C	0.894-0.898
Vapor Pressure	
@ 20°C	86 mm Hg
Water	0.05 wt % max.
Wt/Vol	
@ 20°C	0.9 kg/L (7.51 lb/gal)

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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