

Technical Data Sheet

Eastman™ EP Solvent, Stabilized

Applications

- Aerosol coatings
- Auto oem
- Auto refinish
- Automotive
- Marine
- Process solvents
- Wood coatings

Key Attributes

- Good coupling efficiency
- Good solvent activity
- High dilution ratio
- Inert - Nonfood use
- Low surface tension
- Low volatility/Low vapor pressure
- Miscible with water and most organic liquids
- Predicted to be biodegradable*
- REACH compliant
- Slow evaporation rate

Product Description

Eastman™ EP Solvent (Ethylene Glycol Monopropyl Ether) is a colorless, water-miscible solvent providing a slow evaporation rate, good viscosity control in waterborne resins, and high flash point. Eastman™ EP Solvent has a milder, less detectable odor than most other glycol ethers, enhancing its use in coatings when mild odor is desirable. Eastman™ EP Solvent is completely water miscible over a wide range of temperatures. Eastman™ provides this solvent stabilized with BHT (butylated hydroxytoluene).

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

Typical Properties

Property	Test Method	Typical Value, Units
General		
Acidity as Acetic Acid		0.01 wt % max.
Assay		99.5 wt % min.
Autoignition Temperature	D 2155	235 °C (455 °F)
Boiling Point @ 760 mm Hg		
Dry Point		153.5 °C (308 °F)
Initial		149.5 °C (301 °F)
Color		
Pt-Co		10 max.
Dilution Ratio		
Toluene		4
VMP Naphtha		2
Empirical Formula		C ₅ H ₁₂ O ₂
Evaporation Rate (n-butyl acetate = 1)		0.2
Fire Point		56 °C (133 °F)
Flammability Limits in Air, % by Volume		
Lower @ 69°C		1.26 Vol %

Upper @ 127°C	15.8 Vol %
Flash Point	
Tag Closed Cup	49 °C (120 °F)
Tag Open Cup	56 °C (133 °F)
Freezing Point	<-90 °C (<-130 °F)
Molecular Weight	104.15
Refractive Index	
@ 20°C	1.4136
Solubility	
in Water, @ 20°C	Complete
Water in, @ 20°C	Complete
Specific Gravity	
@ 20°C/20°C	0.913
Vapor Pressure	
@ 20°C	1.3 mm Hg
Wt/Vol	
@ 20°C	0.91 kg/L (7.59 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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