

Technical Data Sheet

Eastman™ Triacetin, Food Grade

Chemical Synonym

Triacetin

Applications

- Food ingredients
- Htf - food/feed/beverage processing
- Other-food chemicals
- Packaging inks non food contact

Product Description

Eastman™ Triacetin (glyceryl triacetate), Food Grade is used as an ingredient in many food and cosmetic products. Its high solvency power and low volatility make triacetin a good solvent and fixative for many flavors and fragrances. One of its main uses is as a plasticizer in chewing gum. The United States Food and Drug Administration affirmed triacetin as generally recognized as safe (GRAS) for use in human food. It is also generally recognized as safe in animal feeds, as a pesticide adjuvant, and in food packaging. Eastman™ Triacetin, Food Grade, meets all Food Chemicals Codex (FCC) specifications and is manufactured under good manufacturing practices (GMP).

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.002 max.
Color Pt-Co	10 max.
Refractive Index @ 25°C	1.43
Specific Gravity @ 20°C/20°C	1.16
Solubility in Water @ 25°C	71.7 g/L
Boiling Point	496 °F (258 °C)
Flash Point Setaflash Closed Cup	304 °F (151 °C)
Freezing Point	37.8 °F (3.2 °C)
Vapor Pressure @ 20°C	<0.0025 torr (<0.33 Pa)
Viscosity @ 25°C	17.4 cP (17.4 mPa·s)
Wt/Vol @ 20°C	9.65 lb/gal (1.16 kg/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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