

FORMULA: $\text{CH}_3\text{-CH(OH)-CH}_2\text{-OH}$

MOL. WT.: 76.09

DESCRIPTION

Colorless liquid with characteristic taste.

APPLICATIONS

Raw material in polyester resins and plasticizers. Component of brake and antifreeze fluids. Heat transfer fluid. Plasticizer and humectant in paper, cork and synthetic foams industries. Adhesive plasticizer.

SPECIFICATIONS

**TEST
METHOD**

Appearance	Clear liquid		Visual
Purity, wt %	99.0	Min.	MP-403
Water, wt %	0.2	Max.	MP-400
Color, Pt-Co	10	Max.	MP-400
Ashes, wt %	0.005	Max.	MP-406
Acidity as Acetic Acid, wt %	0.005	Max.	MP-405
Chlorides, ppm (mg/kg)	1.0	Max.	MP-408
Iron as Fe, ppm (mg/kg)	1.0	Max.	MP-402
Specific Gravity			MP-404
	20/20 °C	1.0375	Min.
		1.0390	Max.
	25/25 °C	1.0350	Min.
		1.0365	Max.
Boiling range, °C @ 760 mm Hg (101.3 kPa) ⁽¹⁾			MP-407
	I.B.P. ⁽²⁾	185.0	Min.
	D.P.	190.0	Max.
Refractive Index n_D 20 °C		1.4310	Min.
		1.4340	Max.

Notes:

- (1) At atmospheric pressure different from 760 mmHg, add the temperature factor calculated as follows: $F = 0.043 (760 - P)$, $P =$ barometric pressure in mm Hg. F is added algebraically to the obtained temperature.
- (2) I.B.P. Initial boiling point. D.P. Dry point.

AVAILABILITY

Available in bulk or plastic drums containing 212 kg net wt (466 lb net) or 1 t (2204.62 lb) containers.

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