



SILVER FERN
CHEMICAL

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Typical Specification

Glycol Ether DE

Specifications:

Appearance	Clear and Clean Liquid
Purity, wt%	99.0 Min
Water, wt%	0.10 Max
Color, Pt.Co	10 Max
Specific Gravity, 20C	0.988-0.992
Acidity as Acetic Acid, Wt%	0.01 Max

Typical Properties:

Specific gravity (20/20°C)	0.990
Density @ 20°C	8.24 lb/gal
Viscosity (@ 25°C, cP)	4.5
Specific heat (J/g/°C @ 25°C)	2.193
Heat of vaporization (J/g) at normal boiling point	350.08
Net heat of combustion (kJ/g) — predicted @ 25°C	25.5
Autoignition temperature	394° F 201°C
Evaporation rate (n-butyl acetate = 1.0)	0.01
Hansen solubility parameters (J/cm ³) ^{1/2}	
_d (Dispersion)	16.1
_p (Polar)	9.2
_h (Hydrogen bonding)	12.2
Flammable limits (vol.% in air)	
Lower 1.2% (v)	275°F 135°C
Upper 23.5% (V)	360°F 182.2°C

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