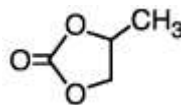


Propylene Carbonate

Solvent Properties



CAS 108-32-7

Physical Properties

Molecular weight	102.09
Boiling point	241.7°C
Freezing point	-55°C
Refractive index	1.4210 at 20°C
Density	1.2006 g/mL (10.020 lb/gal) at 20°C 1.1951 g/mL (9.974 lb/gal) at 25°C
Dielectric constant	64.9 at 20°C
Dipole moment	4.94 D at 20°C
Solvent group	6
Polarity index (P')	6.1
Surface tension	41.93 dyn/cm at 20°C
Solubility of water in propylene carbonate	8.3% at 25°C
Solubility of propylene carbonate in water	17.5% at 25°C

Regulatory and Safety Data

DOT Hazard Class	Not Regulated
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Storage	Store in a cool dry place, away from direct sunlight.
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EPA applicable waste code(s)	Not listed. Dispose of material in an environmentally acceptable manner.
Flash point	275°F (135°C) by closed cup
Lower explosive limit	Not Listed
Upper explosive limit	Not Listed
Time Weighted Average	Not Listed

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