



## Zemea® Propanediol

**Trade Name** Zemea® Propanediol

**Chemical Name** 1,3-Propanediol

**Chemical Structure** HOCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH



**Molecular Formula** C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>

**Molecular Weight** 76.1

**CAS Number** 504-63-2

**EINECS Number** 201-997-3

**TSCA** Listed

Physical Properties	Unit	Value
Boiling Point	°C	214
Freezing Point	°C	-24
Specific Gravity (20/20°C)		1.055
Refractive Index (25°C)		1.4386
Viscosity (20°C)	cP	52
Flash Point (closed cup)	°C	129
Vapor Pressure (20°C)	mmHg	0.08
Vapor Density (20°C/air=1)	°C	2.5
Explosive Limits	Vol %	2.6 –16.6
Autoignition Temp	°C	405
Solubility (in Water 20°C)		Completely Soluble
Specific Heat (20°C)	cal/g/°C	0.53
Surface Tension (20°C)	dyne/cm	46.2

### For additional information or samples:

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