



Zemea® Propanediol

Trade Name Zemea® Propanediol

Chemical Name 1,3-Propanediol

Chemical Structure HOCH₂CH₂CH₂OH



Molecular Formula C₃H₈O₂

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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