



## Zemea® Propanediol

### Solubility

Zemea® propanediol is a multifunctional, preservative-boosting humectant for cosmetic and personal care formulations. It is a safe, highly pure, and skin-friendly glycol.

#### Solubility Data

Compound		<1%	2.5%	5%	10%	15%	20%	25%	50%
Preservatives	Methyl Paraben				S		I*	I*	
	Ethyl Paraben				S	I*		I*	
	Propyl Paraben				S			I*	
	Phenoxyethanol				S			S	S
	Caproyl Glycol (Lexguard O)			S	D			D	
	Ethylhexyl Glycerin (Sensiva SC-50)				S			S	S
	Diazodinyl Urea (Germall II)				D			I	
	Iodopropynyl Butylcarbamate (IPBC)	D (D at 0.1%)		I					
	Irgasan (Triclosan)						S		
Alcohols	Methanol								S
	Ethanol								S
	Isopropanol								S
	Ethylene Glycol								S
	Propylene Glycol								S
	1,4-Butanediol								S
	Glycerol								S
Other	Benzoyl Peroxide (80%)	I	I						
	Hydroquinone						S		
	Salicylic Acid					S	I		

S: Soluble, I: Insoluble, I\*: Soluble above room temperature, D: Dispersible

### For additional information or samples:

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