



# Product Data Sheet

Rev. 01/12

## SYLVASOL™ 200-E70 Specialty Polymer - Ethanol Blend

**INCI Name:** Alcohol Denat. (and) Polyamide-7

**SYLVASOL™ 200-E70** is an ethanol solution of a bio-based polymer and 200 proof denatured ethanol. It is especially suitable for use as a film former in ethanol based personal care formulations.

Features	Benefits
High bio-based content	Sustainable, not petroleum derived
Low viscosity solution	Pre-blended for ease of use in formulation No heating required
Low molecular weight, hydrophobic polymer	Compatible with a wide range of cosmetic actives Forms smooth films with low tack and soft skin feel Imparts water repellency to formulations No balling or flaking on the skin after drying Does not contribute to skin tightening

### Applications

For use as a film former in ethanol based personal care formulations. Can be incorporated in a cold process.

Can be added into either the organic actives phase or ethanol phase to form a clear, low viscosity solution.

Imparts water repellency and actives retention while maintaining good skin feel with no tightening and low gloss.

Polymeric film helps to improve retention of actives and fine fragrances on skin

### Typical Properties

Bio-based (non-petroleum carbon) content, %	97%
Solids, %	~30
Viscosity, cPs	~10
Color, Gardner	<6
Clarity, Visual	Clear
Density at 25°C, lb/gal	6.97
Flash Point, °F, Seta Closed Cup	~55

<b>CASRN</b>	64-17-5 (alcohol, denat); Polyamide-7 is on the confidential TSCA Inventory under EPA Accession No. 10287.
<b>Packaging</b>	Available in 55 gallon drums; 375 lbs net weight.
<b>Handling &amp; Storage</b>	Please consult MSDS for safety information. Drums should be stored at room temperature. Product may form a thermo-reversible gel at temperatures below ambient. The product will recover to a free flowing solution upon warming to 86-95°F and/or by applying shear.



**Technical Service:** Savannah, GA (912) 238-6556  
**Sales Service:** Jacksonville, FL (800) 526-5294  
**Sales Service:** Almere, The Netherlands +31 36 5462 800  
[www.arizonachemical.com](http://www.arizonachemical.com)

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