



## SYLVACLEAR™ C75V Specialty Polymers

**INCI Name:** Bis-Stearyl Ethylenediamine/Neopentyl Glycol/Stearyl Hydrogenated Dimer Dilinoleate Copolymer

**SYLVACLEAR™ C75V** is a vegetable derived rheology modifier and water repellency agent for formulation with low-polarity organic liquids for cosmetic and personal care applications. It forms softer gels than SYLVACLEAR™ A200V.

Features	Benefits
High bio-based content	Sustainable, not petroleum derived
Hydrophobic nature	Water repellency, gloss enhancer
Gels low polarity liquids	Unique feel, shear thinning, excellent payout
Forms water-in-gelled oil or silicone-in-gelled-oil emulsions	Emulsions formed with or without added surfactant; water phase can contain high active or salt loading
Low molecular weight, functional polymer	Stabilizes pigments; can make hard to stabilize ingredients compatible

### Applications

Can be used to make solid gels of non-polar organic liquids such as emollients, mineral oils or esters for lipstick and mascara applications. Can be used to form stable, aesthetically pleasing water-in-gelled oil or silicone-in-gelled oil emulsions.

Excellent water and sweat repellent agent for sunscreens, lotions and balms.

### Typical Properties

Bio-based non-petroleum carbon) content, %	97
Softening Point °C, Cup & Ball	80
Color, Gardner	2
Acid Number	22
Amine Number	<1

<b>CASRN</b>	678991-29-2
<b>Packaging</b>	Resin is available in pastille form in fiber drums, 60 lbs net.
<b>Handling &amp; Storage</b>	Resin is soft at room temperature, compaction may occur during storage. To minimize, the resin should be stored in closed drums at room temperature or below.  Blooming is a normal phenomenon during long term storage of this resin. It occurs when small amounts of residual terminator migrate onto the flaked resin surface resulting in the appearance of white powdery film. It has no influence on the final performance of the product.



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