



# Product Data Sheet

Rev. 4/11

## SYLVACLEAR™ A2614V Specialty Polymers

**INCI Name:** Ethylenediamine/Hydrogenated Dimer Dilinoleate Copolymer Bis-Di-C14-18 Alkyl Amide

**SYLVACLEAR™ A2614V** is a vegetable derived rheology modifier, water repellency agent and gloss enhancer 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	Excellent water repellency
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, enhances gloss

### Applications

Can be used to make solid gels of non-polar organic liquids such as mineral oils, emollients or soy methyl esters for lipstick, lip balms and mascara applications. Vastly improves water repellency, wear and gloss while stabilizing pigment dispersions. Structurant for antiperspirant and deodorant sticks

Can be used to form stable, aesthetically pleasing, water-in-gelled oil or silicone-in-gelled oil emulsions. Repels water and sweat in sunscreens, lotions and balms.

### Typical Properties

Bio-based (non-petroleum carbon) content, %	96
Softening Point °C, Cup & Ball	87
Color, Gardner	2
Acid Number	14
Amine Number	1

<b>CASRN</b>	900161-21-9
<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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