



SYLVACLEAR™ A200V Specialty Polymers

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

SYLVACLEAR™ A200V 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.

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, esters or castor oil 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.

Excellent water and sweat repellent in sunscreens, lotions and balms.

Typical Properties

Bio-based (non-petroleum carbon) content, %	96
Softening Point °C, Cup & Ball	94
Color, Gardner	2
Acid Number	12
Amine Number	1

CASRN	900161-21-9
Packaging	Resin is available in pastille form in fiber drums, 60 lbs net.
Handling & Storage	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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