

Citropol® V5

Citropol® V5 is a groundbreaking volatile emollient with hydrating properties. It imparts slip, gloss, and reduced drying time. It is a natural alternative to low viscosity silicones, and is effective across skin, hair, and deodorant/anti-perspirant applications.

INCI: Polycitronellol Acetate (and) Undecane (and) Tridecane



Representative Properties

Form	Liquid	Density (g/cm³ at 25°C)	0.750-0.850
Odor	Slight Fresh	Refractive Index at 20°C	1.4 - 1.5
Color	Colorless to straw	Solubility	Alcohols and Oils
Viscosity (dynamic)	2.5–5.5 mPa.s at 25°C	Flashpoint	77 +/-2°C (closed cup)

Sustainability & Biodegradability

All P2 Science products are biorenewable, biodegradable, and biocompatible. They do not compromise human or environmental safety.

Citropol® is inherently biodegradable according to the OECD 301B biodegradability test.

Citropol® V5 Applications

As a volatile emollient, Citropol® V5 remains lightweight while delivering high quality sensorial benefits to hair and skin care applications, including improved slip and gloss.



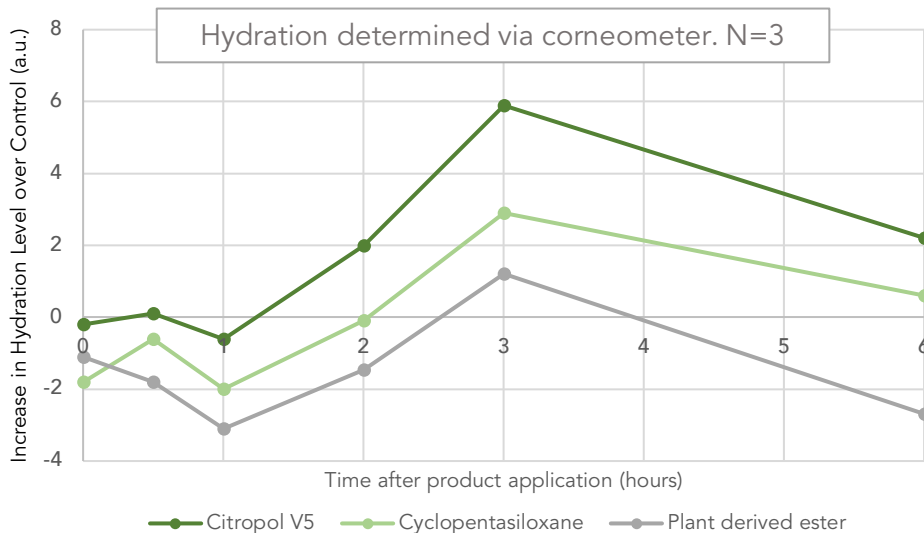
Recommended Use Level

Citropol® V5 can be effective at use levels as low as 1-5% across applications and is best implemented in the oil phase in formulation.

Improved Hydration

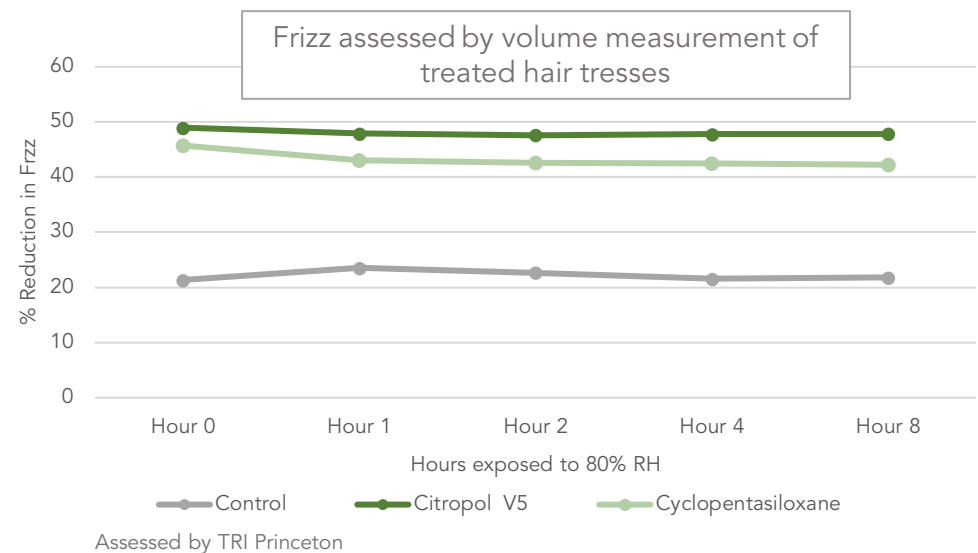
Citropol® V5 results in improved hydration after initial application and over time compared to benchmarks in test product applications.

Hydration of panelists' skin over time after test product application



Frizz Reduction

Citropol® V5 shows a significant and consistent reduction in frizz compared to benchmarks over time.



Formulation Spotlight:

Full Coverage Foundation

Hair Styling Cream

Liquid Blush

