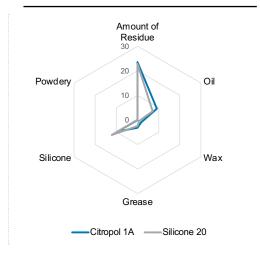


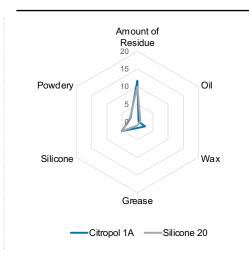
Rub Out

Rubs to Absorbancy 80 Spreada bility 660 Wax Oil Citropol 1A Silicone 20

Immediate Afterfeel



20 Minute Afterfeel

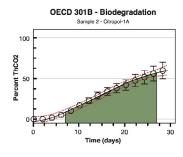


Renewability

Citropol® 1A is sustainably manufactured from naturally-derived feedstocks. It is made to meet the highest standards of the cosmetics and personal care industries. The raw material terpenes are Forest Stewardship Council (FSC) certified pine, and are upcycled via side-stream turpentine from the paper making process.

Biodegradability

Citropol® 1A is inherently biodegradable according to the OECD 301B biodegradability test.



Comparision Data

	Citropol 1A	Silicones
Biodegradable	/	X
Low E-factor	\	X
Renewable	\	X
Clean label	\	X
Long lasting	\	\
Non-greasy	/	\
Slippery	\	\





About Citropol 1A

Representative Properties

Appearance	Clear, liquid	
Odor	Odorless	
Color	Colorless to slight yellow	
Viscosity (mPa·s @ 25°C)	20 - 50	
Refractive index @ 20°C	1.4 - 1.5	
Surface tension (mN/m)	25 - 35	
Density (g/mL)	0.850 - 0.950	
Boiling point (°C)	> 200	
Solubility	Soluble in alcohols and oils	
рН	6.5 - 7.5	
Bio-based (%)	> 90	

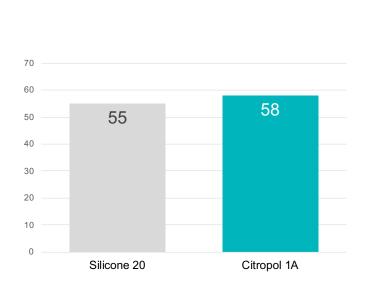


Did You Know?

Citropol® is made by a clean, mild, and high yielding conversion process called Process Intensified Continuous Etherification (PICETM).

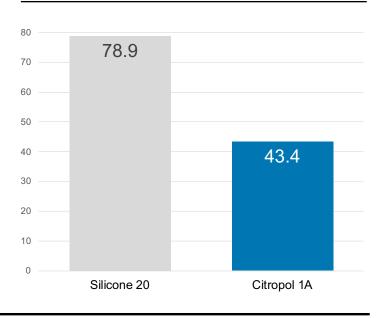
Anti-Frizz - % Decrease in Frizz

Silicone 20 vs. Citropol 1A



% Build-Up After 10 Applications

Silicone 20 vs. Citropol 1A







Our Commitment to Sustainability

For every kilo of Citropol® 1A sold, P2 Science will sponsor the planting of a tree.

Learn more about our Plant a Forest Initiative at http://p2science.com/about-us/.



1 Kilo of Product Sold





1 Tree Planted





1 Ton of CO₂ Absorbed

For more information and samples, please contact:

sales@p2science.com

p2science.com



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