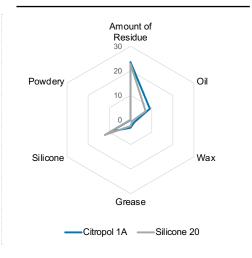


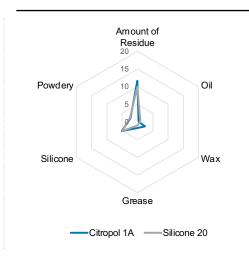
Rub Out

Rubs to Absorbancy 80 Spreada bility 60 Spreada

Immediate Afterfeel



20 Minute Afterfeel

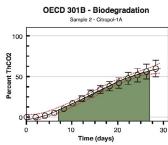


Renewability

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

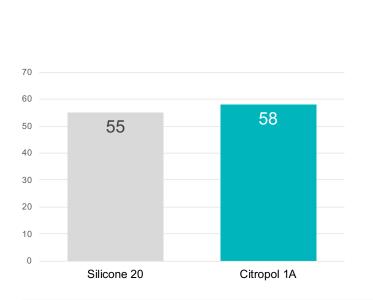


Did You Know?

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

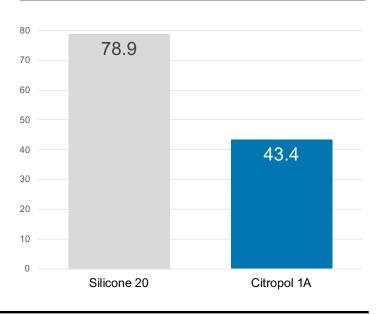
Anti-Frizz - % Decrease in Frizz

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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