

Citropol[®] 1A

SKINCARE INGREDIENT SPOTLIGHT



Description

A low MW liquid polymer that imparts distinct lubricating properties of lightweight slip and spreadability for an enhanced sensory experience in skincare applications.



Highly Effective

in formulation at low use levels, even as low as 1% across formulation types



Improved Sensory Experience

compared to silicone 20 while being sustainably sourced and biodegradable



USDA BioPreferred

certified as 97% biobased, derived from renewable raw materials, for commercial use

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



INCI: Polycitronellol Acetate

P2

Lightweight Pomegranate Shea Hand Cream

CITROPOL® 1A



Phase	Ingredients	%
A	DI Water	78.5%
A	Glycerin	2.0%
B	Cetearyl Olivatate (and) Sorbitan Olivatate	4.0%
B	Behenyl Alcohol	3.0%
B	Citropol 1A	4.0%
B	Butyrospermum Parkii (Shea) Oil	3.0%
B	Pomegranate Seed Oil	2.0%
B	Apricot Kernel Oil	1.0%
C	Tocopherol	0.5%
C	Preservative	1.0%

Procedure

1. In a suitable beaker combine Phase A and mix while heating to 80°C.
2. In a separate beaker combine Phase B while mixing and heating to 80°C.
3. Add Phase B to Phase A under homogenization. Homogenize for 10 minutes.
4. Cool to 40°C while mixing.
5. Once below 40°C, add Phase C and mix until fully incorporated.
6. Package in suitable component.

Observation

A lightweight hand cream that hydrates skin and prevents dryness and cracking.