

CitroSpense™

COLOR COSMETICS INGREDIENT SPOTLIGHT

Description

A family of pigment dispersions based on Citropol® technology for highly effective color payoff for natural tones and colorful cosmetic applications.



Increased Pigment Loading

for increased color strength while maintaining viscosity and compatibility in cosmetics & personal care products

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Unique Dispersions

based on green chemistry for customizable, sustainable colorways across cosmetic applications



Titanium Dioxide



Red 6 Lake



Red Iron Oxide



Red 7 Lake



Yellow Iron Oxide



Blue 1 Lake



Black Iron Oxide



Yellow 5 Lake



Ultramarine Blue



Black 2

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



Liquid Blush

CITROSPERSE™, CITROPOL®, CITROLATUM®, CITROVISC®

Phase	Ingredients	%
A	Citropol 1A	3.5%
A	Citropol H	1.5%
A	Citrolatum C	9.0%
A	Bis-Diglyceryl Polyacyladipate-2	3.0%
A	CitroVisc 5000	9.0%
A	Hippophae Rhamnoides Seed Oil	2.25%
B	Isododecane (and) Disteardimonium Hectorite (and) Propylene Carbonate	11.5%
C	CitroSperse Titanium Dioxide	16.0%
C	CitroSperse Red 7 Lake	0.2%
C	CitroSperse Yellow 5 Lake	0.55%
C	CitroSperse Red Iron Oxide	3.5%
D	Cellulose	14.0%
D	Synthetic Fluorophlogopite	8.0%
D	Maranta Arundinacea Root Extract	8.0%
E	Citropol V5	10.0%

Procedure

1. In a suitable beaker, combine Phase A ingredients. Mix while heating to 85°C.
2. Once Phase A is completely homogenous, add Phase B. Mix at high speed until fully incorporated and gel is formed.
3. Add Phase C, one at a time. Mix well after each addition.
4. Begin cooling to 70°C.
5. Slowly add Phase D, one item at a time. Mix well after each addition.
6. Once batch is below 75°C, add Phase E. Mix until fully incorporated.
7. Hot pour into component.