Applechem Formulary - Color Cosmetics



"Emulsion Plus" Lively Lip Trio (SC-LS 007)

This unique emulsion-based lipstick combines the dense color coverage of a lipstick, the smooth moisturization of a lip balm, and the reflective water shine of a lip gloss in a single stable stick formulation.

Applecare PDS 300 evenly distributes highly- loaded mineral UV filters to provide a smooth sensory with UV-blocking effects. It greatly reduces the tacky after-feel.

OleoFLEX are film forming elastomeric texturizers for natural oils. They increase water resistance and lock the UV actives and natural oils onto the skin. They can also serve as a soft wax substitute which provides smooth and cushioned with great payoff, rather than a hard and waxy feel.

Phytocare is a magic hydration powerhouse active which forms a moisture- restoring flexible film to hydrate and repair the skin, thus rebuilding skin elasticity.

Specifications

- 50°C oven: 1 month stable
- Freeze-Thaw: Passed 3 cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Maxperse! 67% Liporganic/Inorganic Pigment Stock Paste (See Page 2 for formulation)	14.0
	Cocos Nucifera (Coconut) Oil	4.00
	Shea Butter	4.00
	High Oleic Sunflower Seed Oil (Trisun HS 100)	14.0
	Caprylic Capric Triglycerides	14.5
	OleoFlex FG 100	9.00
	OleoFlex EG 200	15.0
	Polyethylene (Performalene 400)	6.00
	Refined Candelilla Wax	4.00
В	Premixed W/O Emulsion	10.0
	Preservative	q.s.

PHASE	PREMIXED EMULSION	USAGE (WT%)
B ₁	Glycerine	20.0
	Snow Mushroom Extract (PhytoCare-HA CG 1M)	0.10
	Honey	4.00
	Sorbitan Laurate	0.50
	Water	46.9
B ₂	High Oleic Sunflower Seed Oil (Trisun HS 100)	18.5
	PEG-30 Dipolyhydroxystearate (Arlacel P 135)	2.50
	OleoFlex FG 100	9.00
	OleoFlex EG 200	14.0

Processing Method

- 1. Mix Phase B2 of emulsion with a propeller and heat to 75-80 C, until homogenous.
- 2. Mix Phase B1 of emulsion (except honey) at 60 C until homogenous. Then add honey and mix for another 1-2 minutes.
- 3. Add Phase B1 into Phase B2 with propeller at 700 rpms and mix for 5 minutes. Then, homogenize at 3500-4000 rpms for 10 minutes
- 4. Mix Part A with a propeller and heat to 90 C until homogenous. Slowly adding Phase B to Phase A and mix for 2-3 minutes.
- 5. Pour into mould, which was pre-heated in 50C oven, and put then mould into refrigerator for 2 hours.

Create Possibilities

REF #: LS-1704-10

Maxperse! 67% Liporganic/ Inorganic Pigment Stock Paste (CC P-008)

A super high loading, high intensity pigment predispersion that uses Applecare PDS-300 technology to boost pigment levels far beyond standard color predispersions.

Applecare PDS 300 provides even distribution of powders to provide a smooth sensory. The improved adhesion on the lip matches and defines lip's natural contour.

Specifications

50°C oven: 1 month stable

Freeze-Thaw: Passed 3 cycles

PHASE	INC! NAME (TRADE NAME)	USAGE (WT%)
A	Red D&C 7 CA Lake	13.7
	FD&C Yellow 6 Lake	9.68
	FD&C Yellow 5 Lake	6.13
	Blue 1 Lake	0.77
	Mica	4.72
	Russet Iron oxide	1.89
	Red Iron oxide	4.72
	Yellow Iron oxide	0.94
	Titanium Dioxide	24.4
В	Caprylic/Capric triglyceride	28.3
	Applecare PDS 300	4.69

Processing Method

- 1. Blend Phase A in a blender to a homogenous color.
- 2. Mix and heat Phase B in a beaker with a dispersion blade at \sim 70 C and add Phase A. Slowly increase to 2500 rpm and mix for 20 minutes.
- 3. Use 3 roll-mills to grind the dispersion twice (gap ratio 7:3 then 3:1).