

Actera



Rejuvenator

Formulation #06-171

This fast-absorbing, buttery gel cream leaves the skin feeling velvety smooth while stimulating collagen synthesis and reducing the appearance of fine lines and wrinkles. Featuring **Hydroxysomes®** **Retinaldehyde**, a novel method of delivering retinal and calcium to the skin simultaneously with no irritation. Thickened with **TeraGel™**, a natural gelling agent from potato starch and red algae.

Phase	INCI	Trade Name	%
A	Deionized Water		Q.S.
	Solanum Tuberosum (Potato) Pulp Extract (and) Furcellaria Lumbricalis Extract	TeraGel™	5.0
	Glycerin		2.0
B	Propanediol		2.0
	Caprylyl Glyceryl Ether (and) Caprylhydroxamic Acid (and) Propanediol	TeraStat™ N	2.0
C	Coco-Caprylate		15.0
	Squalane		5.0
	Caprylic/Capric Triglyceride		5.0
	Arachidyl Alcohol (and) Behenyl Alcohol (and) Arachidyl Glucoside ¹		5.0
	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil ²		0.2
D	Citric Acid OR Sodium Hydroxide		QS pH ~ 5.5-6.0
E	Hydroxyapatite (and) Retinaldehyde	Hydroxysomes® Retinaldehyde	0.1
		Total	100.0

Procedure

1. Combine Phase A into main vessel under high shear mixing. Allow to hydrate for at least 30 minutes or until clump free.
2. Combine Phase B ingredients and add to Phase A. Mix until visibly uniform. Heat to 75°C - 80°C.
3. In a separate vessel, combine Phase C ingredients, and heat to 75-80°C.
4. Add Phase C to Phase AB at the same temperature, and mix under high shear. Start cooling.
5. Once at RT, adjust pH using Phase D.
6. Add Phase E and homogenize at 16,000 rpm for 1-2 minutes or until fully dispersed and uniform in color.

Physical Properties

pH = 5.94 Viscosity = 23,800 cP Appearance: Yellow cream

Stability

Passed 12 weeks at RT and 40°C and 3 cycles F/T

Use Instructions

Apply a dime-sized amount at night to clean face and neck.

Intended Packaging

Opaque tube or airless pump

1. Montanov™ 202

2. demofeel® TocoBalance