

# Actera



## Refiner

Formulation #06-28

Ultra-clean formula featuring third generation retinoid, **Adapinoid®**. This adapalene delivery system is clinically proven to increase collagen, reduce photoaging, balance skin tone, decrease the appearance of pores, and clear acne-prone skin. Emulsified with **TeraTexture™**, an all-in-one thickener, texturizer, and emulsifier made from novel vegetable protein technology. Preserved with **TeraStat™ N**, a gentle and natural broad-spectrum preservative.

Phase	INCI	Trade Name	%
A	Deionized Water		Q.S.
	Pisum Sativum Peptide (and) Sodium Stearoyl Lactylate (and) Xanthan Gum (and) Trisodium Citrate (and) Magnesium Stearate	<b>TeraTexture™</b>	3.0
	Glycerin		5.0
	Caprylyl Glyceryl Ether (and) Caprylhydroxamic Acid (and) Propanediol	<b>TeraStat™ N</b>	2.0
	Helianthus Annuus (Sunflower) Seed Oil		5.0
B	Squalane		5.0
	Oleyl Adapalenate	<b>Adapinoid®</b>	0.5
C	Citric Acid OR Sodium Hydroxide		QS pH ~ 5.5
Total			100.0

### Procedure

1. Add water into the main vessel. Sift in TeraTexture under high shear propeller mixing. Continue to mix until uniform and clump-free.
2. Add the remainder of Phase A ingredients, mix until uniform. Heat to 80-85°C.
3. In a separate vessel, combine Phase B ingredients. Heat to 80-85°C and mix until uniform.
4. Add Phase B to Phase A at the same temperature under high shear propeller mixing. Start cooling.
5. Once at RT, adjust pH using Phase C.

### Physical Properties

pH = 5.5      Viscosity = 6,920 cP      Appearance: Semi-viscous off-white emulsion

### Stability

Passed 12 weeks at RT and 40°C and 3 cycles F/T  
Passed 1 year at RT

### Use Instructions

Apply liberally twice daily or as needed to clean face and neck.

### Intended Packaging

Pump or dropper bottle

### \*Clinical Results

- Proven to reduce appearance of wrinkles, pores, and redness in an 8 week study
- 100% of women agreed the product was gentle on skin
- 92% of women noticed a softer, smoother complexion
- 85% of women agreed overall appearance of skin was improved

*Efficacy claims based on home-use study with 13 female subjects with self-assessed wrinkles, pores, and redness*