

# Actera



## Bonding Hair Perfector

Formulation #08-85

Rinse-out nourishing, bond-repairing treatment for dry, damaged hair that restores shine, seals split ends, and reduces frizz. Formulated with natural and effective bond multiplier **TeraBond™** to repair visible signs of damage for healthier-looking hair. Preserved with **TeraStat™ N**, a gentle and natural broad-spectrum preservative, and enhanced with **TeraFluid™ Rosehip** to provide a silky, smooth feel.

Phase	INCI	Trade Name	%
A	Deionized Water		Q.S.
	Aspergillus Ferment (and) Arginine	<b>TeraBond™</b>	5.0
	Propanediol		5.0
	Glycerin		5.0
	Caprylyl Glyceryl Ether (and) Caprylhydroxamic Acid (and) Propanediol	<b>TeraStat™ N</b>	2.0
B	Hydroxyethylcellulose <sup>1</sup>		1.0
	Polyquaternium-37		0.5
C	Behentrimonium Methosulfate (and) Cetearyl Alcohol <sup>2</sup>		5.0
	Cetyl Alcohol		1.0
	Argania Spinosa (Argan) Kernel Oil		1.0
	Rosa Rubiginosa (Rosehip) Seed Oil	<b>TeraFluid™ Rosehip</b>	1.0
D	Citric Acid (or) Sodium Hydroxide		QS pH ~ 4.5
Total			100.0

### Procedure

1. Add water into the main vessel. Add in remaining phase A ingredients and mix well.
2. While mixing, slowly sift in phase B into phase A and allow to hydrate for 30 minutes.
3. Heat phase AB to 80°C and hold at temperature for at least 10 minutes.
4. In a separate vessel, combine Phase C ingredients, and heat to 80°C.
5. Add Phase C to Phase AB at 80°C, mix until uniform.
6. Continue mixing until at room temperature. Adjust pH using Phase D.

### Physical Properties

pH = 4.3      Viscosity = 23,600 cP      Appearance: Opaque white cream-gel emulsion

### Stability

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

### Use Instructions

Apply to damp hair from roots to ends and allow to sit for 10 minutes. Rinse, then follow with shampoo and conditioner.

### Intended Packaging

Pump, airless pump, or squeeze bottle

1. Cellosize™ PCG-10

2. BTMS 25