

# Actera



## Bond Repair Shampoo

Formulation #08-83A

Nourishing daily shampoo that cleanses while repairing broken bonds to leave hair softer, smoother, and shinier with each use. Made 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

Phase	INCI	Trade Name	%
A	Deionized Water		Q.S.
	Aspergillus Ferment (and) Arginine	<b>TeraBond™</b>	2.0
	Glycerin		5.0
B	Caprylyl Glyceryl Ether (and) Caprylhydroxamic Acid (and) Propanediol	<b>TeraStat™ N</b>	2.0
	Guar Hydroxypropyltrimonium Chloride <sup>1</sup>		1.0
	Hydroxyethylcellulose <sup>2</sup>		0.5
	Sodium C14-16 Olefin Sulfonate <sup>3</sup>		15.0
C	Sodium Lauroyl Methyl Isethionate <sup>4</sup>		5.0
D	Citric Acid (or) Sodium Hydroxide		QS pH ~ 5.0
Total			100.0

### Procedure

1. Add water into the main vessel. Sift in TeraBond and allow to mix until clear.
2. Make a slurry of phase B and slowly add to phase A while mixing.
3. Slowly add in phase C and mix under low shear.
4. Heat to 80°C and keep at temperature for 10 minutes.
5. Remove from heat and mix until at room temperature.
6. Adjust pH using Phase D.

### Physical Properties

pH = 4.9

Viscosity = 4,740 cP

Appearance: Translucent yellow gel

### Stability

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

### Use Instructions

Apply to damp hair at roots and later. Rinse thoroughly from hair and follow with conditioner as desired

### Intended Packaging

Pump or bottle

1. N-Hance™ 3000

2. Cellosize™ PCG-10

3. Alpha Olefin Sulfonate; 40% Active

4. Iselux®