

Actera



Gentle Bonding Shampoo

Formulation #10-81

This daily cream shampoo restores broken bonds and gently cleanses strands for a clean feel and healthy shine. Formulated for daily maintenance with natural and effective bond multiplier **TeraBond™** to repair visible signs of damage for healthier-looking hair. **TeraBiome™**, a glycolipid surfactant made from fermentation, effectively cleanses hair and scalp while maintaining the integrity of the skin barrier. Preserved with **TeraStat™ N**, a gentle and natural broad-spectrum preservative.

Phase	INCI	Trade Name	%
A	Deionized Water		Q.S.
	Aspergillus Ferment (and) Arginine	TeraBond™	2.0
	Glycerin		5.0
	Propanediol		3.0
	Caprylyl Glyceryl Ether (and) Caprylhydroxamic Acid (and) Propanediol	TeraStat™ N	2.0
	Hydroxypropyl Guar ¹		1.0
B	Argania Spinosa (Argan) Kernel Oil		5.0
	Helianthus Annuus (Sunflower) Seed Oil		5.0
	Cetearyl Alcohol ²		3.0
	Cetearyl Alcohol (and) Cetearyl Glucoside ³		2.0
C	Citric Acid (or) Sodium Hydroxide		QS pH ~ 5.5-6.0
D	Glycolipids	TeraBiome™	2.0
Total			100.0

Procedure

1. Add water and TeraBond into the main vessel and mix until clear.
2. Slurry the remaining Phase A ingredients and add to the main vessel. Heat to 80°C.
3. In a separate vessel, combine Phase B ingredients and heat to 80°C.
4. Once Phase A and B have reached 80°C, remove from heat, combine under high shear mixing.
5. Continue mixing until at room temperature. Adjust pH using Phase C.
6. Slowly add Phase D to Phase ABC.

Physical Properties

pH = 5.70 Viscosity = 15,860 cP Appearance: Opaque white cream emulsion

Stability

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

Use Instructions

Rub into hair at scalp then rinse.

Intended Packaging

Tube or squeeze bottle

1. Guarsafe® JK-101

2. Cetearyl Alcohol 30/70 NF

3. Montanov™ 68 MB