

## Base formulation for Replenishing Shampoo

Helps your hair recover from environmental stress

- **GlyAcid® 70 HP** repairs the cortex and smoothenes the hair cuticle for easier combing and increased protection from moisture pick-up.
- **BergaSoft SCI 80** creates luxury foaming and mild cleansing for all hair types.
- **BergaCare EM-HE7** and **BergaCare Pearl 2** add stability and enhanced appearance to the formulation.



Trending



Protection



Good foaming



Efficacy

Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	EDTA	Tetrasodium EDTA	0.1
	Acryloyldimethyltaurate/ VP Copolymer	Acryloyldimethyltaurate/ VP Copolymer	1.0
	Glycerin 99.5 %	Glycerin	5.0
B	<b>BergaSoft SCI 80</b> <sup>1</sup>	<b>Sodium Cocoyl Isethionate</b>	10.0
	<b>BergaCare Pearl 2</b> <sup>1</sup>	<b>Glycol Distearate</b>	2.0
	Cocamide DEA	Cocamide DEA	2.0
C	<b>BergaCare EM-HE7</b> <sup>1</sup>	<b>PEG-7 Glyceryl Cocoate</b>	3.0
	Laureth-4	Laureth-4	2.0
	Cocamidopropyl Betaine 30 %	Cocamidopropyl Betaine	6.0
D	<b>GlyAcid® 70 HP</b> <sup>2</sup>	<b>Glycolic Acid (and) Water</b>	2.0
	NaOH solution 25 %	Sodium Hydroxide	2.0
E	Preservative/Fragrance	-	q.s.

**Supplier:** <sup>1</sup> Berg + Schmidt, <sup>2</sup> CrossChem distributed by Berg + Schmidt

### Formulation instructions:

- Weigh water and glycerin from phase A and add Copolymer and EDTA while stirring
- Once homogenous add all raw materials from phase B and heat up to 75 °C
- Add phase C and cool down to 40 °C
- Then add the phase D while stirring
- Adjust pH and preserve

pH = 4.0

Viscosity (24 h) = 6 600 Cps

Internal Ref: Gly Sh-007-BSC

**Note:** For an optimal effectiveness of GlyAcid®, a pH between 3.8 and 4.3 is recommended.



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