

## Base formulation for Conditioning Spray

### Leave-on hair treatment for protected and healthy hair

- **GlyAcid® 70 HP** protects the hair from the inside and outside with its powerful action on keratin bonds and cuticles for strengthened, smooth and easy to comb hair.
- **BergaCare FG 5** provides silky and non-greasy hair sensation as naturally derived silicone alternative.



Protection



Trending

Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	Glycerin (99.5 %)	Glycerin	2.0
	Xanthan Gum	Xanthan Gum	0.2
B	<b>BergaCare FG 5<sup>1</sup></b>	<b>Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride</b>	3.0
	<b>BergaCare SB<sup>1</sup></b>	<b>Butyrospermum Parkii (Shea) Butter</b>	1.5
	Ceteareth-20	Ceteareth-20	2.0
	Glyceryl Stearate Citrate	Glyceryl Stearate Citrate	0.5
	Steareth-2	Steareth-2	2.0
C	<b>GlyAcid® 70 HP<sup>2</sup></b>	<b>Glycolic Acid (and) Aqua</b>	2.5
	NaOH (25% solution)	Sodium Hydroxide	2.5
D	Preservative/Fragrance	-	q.s.

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

#### Formulation instructions:

- Weigh water and glycerin and gradually add xanthan gum while stirring
- Weigh all raw materials from phase B and heat both phases up to ~ 75 °C
- Once the oil phase has melted add it to phase A while stirring, homogenize for 30 sec.
- Cool down to 40 °C , add panthenol and phase C and preserve

pH = 4.0

Viscosity (24 h) = 640 Cps

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

Internal Ref: Hair C-012-BSC



Distributed by:  
**Global Ingredient Solutions**  
customerservice@ingsolutions.com

Phone: (714) 884-3872  
www.globalingredientsolutions.com