

# Base formulation for Anti Acne Cream

## The daily extra care for blemish-prone skin

- **GlyAcid® 70 HP** stimulates the cell turnover, smoothenes acne-induced scars and helps to refine the skin texture.
- **BergaMuls ET 1** emulsifies and thickens at the same time. Solution provider for raw materials tricky to formulate.



Skin regeneration



Efficacy

Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	Propylene Glycol	Propylene Glycol	2.0
	Xanthan Gum	Xanthan Gum	0.5
B	<b>BergaBest MCT Oil 60/40</b> <sup>1</sup>	<b>Caprylic/Capric Triglyceride</b>	3.0
	<b>BergaCare FG 5</b> <sup>1</sup>	<b>Ethylhexyl Palmitate (and) Ethylhexyl Stearate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic/Capric Triglyceride</b>	3.0
	Stearyl Alcohol	Stearyl Alcohol	2.0
	<b>BergAzid 9818</b> <sup>1</sup>	<b>Stearic Acid</b>	2.0
	Cetearyl Alcohol	Cetearyl Alcohol	3.0
	Cetyl Alcohol	Cetyl Alcohol	1.0
	<b>BergaCare SB</b> <sup>1</sup>	<b>Butyrospermum Parkii (Shea) Butter</b>	2.0
	<b>BergaMuls ET 1</b> <sup>1</sup>	<b>Beta-Glucan (and) Pectin</b>	2.0
C	Squalane	Squalane	1.5
	<b>GlyAcid® 70 HP</b> <sup>2</sup>	<b>Glycolic Acid (and) Water</b>	15.00
	Demin. Water	Aqua	10.00
	NaOH	Sodium Hydroxide	adjust pH
D	D-Panthenol	Panthenol	1.0
	Preservative/Fragrance	-	q.s.

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

### Formulation instructions:

- Weigh water and propylene glycol, start stirring and add xanthan gum
- Weigh all materials from phase B except BergaMuls ET 1, heat both phases up to ~ 70 °C
- Once phase B has melted disperse BergaMuls ET 1 by gentle stirring
- Add phase B to A while stirring and homogenize 30 seconds
- Add phase C and then phase D
- Homogenize 30 seconds

pH = 3.8

Viscosity (24 h) = 5 800 Cps

Internal Ref: AA-004-BSC

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



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

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