

Glypure™

Cosmetic-Grade Glycolic Acid

Formulation—Hair Care Silicone-Free Conditioner



Formulation is silicone-free and paraben-free.

Glypure™ penetrates the hair shaft, softening hair and providing superior lubrication.

- Makes hair significantly less prone to breakage
- Promotes manageability of hair
- Softens hair
- Provides moisturizing effect
- Reduces flaking and drying of the scalp
- Moisturizes the scalp

Phase	Trade Name	Wt %	INCI Name	Supplier
A	Water	82.5	Water	
	Synthalen® CR	2	Polyquaternium-37	3V
B	Cetyl-Stearyl Alcohol 30-70	4	Cetearyl Alcohol	Univar
	CremerCOOR® MCT 60/40 Coconut-Based Organic	2	Caprylic/Capric Triglycerides	Peter Cremer
	Alkomol® E	1	PPG-15 Stearyl Ether	Oxitenol
	Ammonyx® CETAC	2	Cetrimonium Chloride	Stepan
C	Water	5	Water	
	Glypure™	1	Glycolic Acid (99%)*	Chemours
D	Neolene™ PE	0.5	Phenoxyethanol (and) Methylisothiazolinone	Dow Personal Care

Note:

*Glypure™ (70%) may be substituted for Glypure™ (99%). Compensate the purified water percentage accordingly.

Manufacturing Procedure

1. Disperse Synthalen® CR in water and heat to 70 °C (158 °F).
2. Heat phase B to 70 °C (158 °F), and then add to phase A while mixing.
3. In a separate container, add Glypure™ to water and adjust to pH 3.8 to 4.0 with NaOH. Add to phase AB while mixing.
4. Add Neolene™ PE to final mixture once the temperature of ABC mixture is below 40 °C (104 °F).

Glypure™ has proven benefits in hair, skin, and nail care formulations. To learn more about the benefits of Glypure™, visit www.glypure.com.

For more information, visit glycolicacid.chemours.com or call (800) 441-9593.

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