

Glypure™

Cosmetic-Grade Glycolic Acid

Formulation—Skin Care Professional Revitalizing Peel



Glypure™ penetrates the skin efficiently—readjusting water percentages in the epidermis, stimulating collagen synthesis, and promoting cell turnover. It is also an efficient pH adjuster.

- Improves the look and feel of skin
- Promotes exfoliation
- Improves skin texture
- Fights the signs of aging
- Reduces the appearance of fine lines and wrinkles
- Improves the appearance of sun-damaged skin
- Helps even out skin tone

Phase	Trade Name	Wt%	INCI Name	Supplier
A1	Purified Water USP	45.00	Purified Water USP	
A2	Glypure™	30.30	Glycolic Acid (99%)¹	Chemours
A3	Triethanolamine 99%	2.00	Triethanolamine 99% NF	–
A4	SD Alcohol 40-B, 190 Proof	10.00	SD Alcohol 40-B, 190 Proof	–
A5	Zemea® Propanediol	5.00	Propanediol	DuPont Tate & Lyle Bio Products
A6	Standapol® ES-3	1.00	Sodium Laureth-3 Sulfate	BASF
A7	Ammonium Hydroxide Solution	2.0-5.0	Ammonium Hydroxide 28% —to pH 3.0 or desired pH	–
qs	Purified Water	qs to 100%	Purified Water USP	

Notes:

¹Glypure™ (70%) may be substituted for Glypure™ (99%). Compensate the purified water percentage accordingly. In lieu of Glypure™, formulators and manufacturers must use Glypure™ L for products used or distributed in Canada or Australia and in Europe for nail care products..

Manufacturing Procedure

1. In a suitable vessel equipped with a propeller mixer, add A2 to A1 with mixing.
2. Add A3 to the mixture with moderate agitation and mix for 10 min.
3. Add A4, A5, and the Nonoxynol-9 separately.
4. Adjust pH accordingly with 28% A7 solution and qs with purified water.

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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