

# 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	<b>Glypure™</b>	<b>30.30</b>	<b>Glycolic Acid (99%)<sup>1</sup></b>	<b>Chemours</b>
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:

<sup>1</sup>Glypure™ (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](http://www.glypure.com).

---

**For more information, visit [glycolicacid.chemours.com](http://glycolicacid.chemours.com) or call (800) 441-9593.**

The information set forth herein is furnished free of charge and based on technical data that Chemours believes to be reliable. It is intended for use by persons having technical skill, at their own risk. Because conditions of use are outside our control, Chemours makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe, any patents or patent applications.

© 2020 The Chemours Company FC, LLC. Glypure™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. Chemours™ and the Chemours Logo are trademarks of The Chemours Company.