

DuPont™ Glypure®

ULTRA PURE FORM OF COSMETIC-GRADE GLYCOLIC ACID

Glycolic acid is among the most popular actives in anti-aging formulations and has strong consumer recognition as an ingredient in many skin care products. DuPont™ Glypure® is an ultra pure form of glycolic acid that is used in many cosmetics and other personal care products.



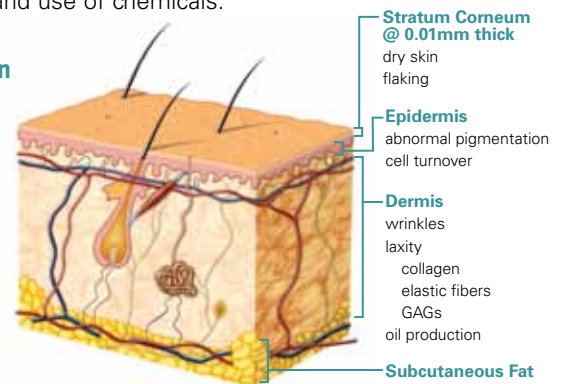
DuPont—The Preferred Source of Cosmetic-Grade Glycolic Acid

DuPont is the world's leading supplier of cosmetic-grade glycolic acid. We earned this distinction by providing exceptional purity levels, consistently reliable supply and outstanding technical support.

Our glycolic acid manufacturing facility, located in Belle, W.Va., is ISO 9001:2000 certified and uses a continuous process 24 hours a day, seven days a week. This not only ensures ready availability, it also eliminates the batch-to-batch inconsistencies often found in glycolic acid from other suppliers. We are actively working toward REACH (Registration Evaluation and Authorization of Chemicals) compliance, which we view as part of a growing global regulatory trend for the sustainable development, production and use of chemicals.

How DuPont™ Glypure® Works on Skin

When used in cosmetic formulations, DuPont™ Glypure® penetrates the skin effectively and stimulates cellular activity. It moisturizes the stratum corneum to alleviate dry skin and flaking; can readjust the water percentage in the epidermis, allowing for smoother, softer and more radiant skin; and increases the production of dermal matrix compounds and collagen synthesis in the dermis, reducing the appearance of fine lines and wrinkles while improving elasticity and firmness.



When it comes to cosmetic-grade glycolic acid, DuPont™ Glypure® sets the standard:

- Exceptional purity levels for personal care products
- Clear, colorless appearance
- Reliable, consistent supply from a dedicated production line at one U.S.-based facility
- Odorless
- Compatibility with other compounds and ingredients
- Biodegradability

DuPont™ Glypure® Is Available in Three Grades¹

DuPont™ Glypure® 70 is a purified liquid form of glycolic acid. It is an aqueous solution at 70% concentration.

DuPont™ Glypure® 99 is a highly purified crystalline form of glycolic acid for applications where avoidance of water is necessary. It is constituted as small, prismatic crystals of 99+% purity.

Pre-neutralized DuPont™ Glypure® is an aqueous solution neutralized with ammonium hydroxide. It is available in a variety of pH levels—2.25, 3.25, 3.8,* 4.0, 4.4*—as well as custom pH.

¹ All grades are also available with a pass-through license from TriStrata, a wholly owned subsidiary of NeoStrata Company, Inc., and are designated DuPont™ Glypure® L.




*Stock supply only.



The miracles of science™

Ideal for a Variety of Products

DuPont™ Glypure® is ideal for use in a variety of personal care products for skin, hair, nails and cuticles, providing important benefits that consumers desire. Here's a brief overview:

 <p>SKIN</p>	<p>Benefits</p> <ul style="list-style-type: none">Improving the appearance of sun damaged skin and fighting skin agingRevealing smoother, brighter, more supple skin with less pigmentation and fewer irregularitiesPromoting the cycle of skin shedding (also known as cell turnover) and re-growthEnhancing performance of certain topical over-the-counter and prescription applications	<p>Applications</p> <ul style="list-style-type: none">Cell turnover/exfoliation productsSkin peeling productsCreams, serums, lotions, cleansers and toners designed to reduce the signs of agingMoisturizing skin creams and lotionsAcne treatment combinationsSkin lightening combinationsSunscreen combinationsMen's skin care
 <p>HAIR</p>	<p>Benefits</p> <ul style="list-style-type: none">Making hair more manageable, easier to styleStrengthens the hair, making it less prone to breakageMoisturizing the hair and scalp for a healthy look and feel with less flaking of the scalp	<p>Applications</p> <ul style="list-style-type: none">Leave-in conditionersShampoosMoisturizing shampoosConditionersAll-in-one body/hair washes for men
 <p>NAILS & CUTICLES</p>	<p>Benefits</p> <ul style="list-style-type: none">Moisturizing nails and cuticles for a healthier look and feelSoftening cuticles for easier grooming	<p>Applications</p> <ul style="list-style-type: none">Cuticle conditionersNail conditioners

Unmatched Services

In addition to high quality and reliable supply, our customers have the added advantage of access to a dedicated, professional staff of technical service representatives, formulating chemists and analytical chemists for help with technical questions, assistance with new product development and advice to help ensure the success of products made with DuPont™ Glypure®—all at no additional charge.

We also offer a wide variety of starting point formulations using DuPont™ Glypure® for skin, hair, nails and men's personal care products. These formulations are for products ranging from face creams and revitalizing peels

to shampoos, conditioners, razor bump treatments and much more. To meet evolving marketplace needs, we also regularly introduce new starting point formulations.

No License Required

For most of the global market, you do not need to worry about managing a licensed product. You have the freedom to use DuPont™ Glypure® in new products to meet increasing consumer demand without the added concern or expense of a licensing agreement. And, if you want to sell products in Canada and Australia where a license is still required—or nail care products in Europe—you can use DuPont™ Glypure® L, which offers all the benefits of our ultra pure form of glycolic acid plus the convenience of a pass-through license.



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