

GlySmart®

Smart Exfoliation

Reducing Glycolic Acid Irritation With
Controlled Release Chemistry



GlySmart® Technology

Glycolic acid is a widely used and effective active ingredient in personal care anti-aging formulations. The small molecule penetrates deep into the stratum corneum causing upper skin layer exfoliation. The small molecule can also contribute to skin irritation in some with slightly higher skin pH.

GlySmart® remedies increased sensitivity by complexing glycolic acid with arginine in an ionic di-pole formulation that controls the release of glycolic acid. Slowing the release of glycolic acid reduces irritation while delivering similar exfoliating results.



©2023 CrossChem Limited. All statements in this publication are believed to be accurate and reliable. The user assumes all risks and liability for results obtained by use of the products or applications of the suggestions described. SELLER MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, BY FACT OR LAW, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

GLYSMART® SPECIFICATIONS

PROPERTY	LIMITS	TYPICAL RESULTS
Glycolic Acid %	63 - 65	64
Arginine %	9.5 - 10.5	10
Color (APHA)	50 Max	< 50
pH	1.5 - 2.5	1.7
Appearance	Report	Clear Liquid

Odor: Characteristic

GLYSMART® PHYSICAL PROPERTIES

PROPERTY	VALUE
State of Matter	Liquid
Precipitation, C (F)	17 (63)
pH, 20C (77F)	1.5 - 2.5

About GlySmart®

GlySmart® is a high purity 64% glycolic acid / 10% arginine complex in an aqueous solution. It is a clear, virtually colorless liquid with a mild characteristic odor.

Packaging

- 25 Kg Pail
- 250 Kg Drum

Applications

- Skin Care