

57 HP

GlyAcid[®] glycolic acid

formaldehyde free

GlyAcid[®] Technology

For more than 40 years, glycolic acid has been predominately produced by either the carbonylation of formaldehyde or with glycolonitrile as a starting material. Both processes leave residual traces of formaldehyde in the finished commercial product.

By contrast, CrossChem's GlyAcid[®] is produced using a proprietary acid saponification and purification process that does not use formaldehyde in the process while delivering a high purity glycolic acid for today's personal care formulations.

CROSSCHEM | CrossChem LP
PURE CHEMISTRY | Carlsbad CA USA

©2017 CrossChem LP. 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.

57 HP SPECIFICATIONS

PROPERTY	LIMITS	TYPICAL RESULTS
Total Acid %	56 – 58	57.1
Free Acid %	52 – 54	52.7
Color (APHA)	15 Max	8.0
Formaldehyde mg/Kg	Report	U*
Iron ppm	3 Max	2.08

Appearance: Clear liquid

Stability: GlyAcid[®] 57 HP is stable when stored under normal conditions. If stored at temperatures below 14C (57F), precipitation may occur. This precipitation does not affect product quality. To re-dissolve, heat product to 40C (104F) with agitation.

***U:** Undetectable – tests show property not detected.

57 HP PHYSICAL PROPERTIES

PROPERTY	VALUE
Formula	C ₂ H ₄ O ₃
Precipitation Point, C (F)	14 (57)
Molecular Weight	76.05
pH, 25C (77F)	0.4
Density @ 15.6 (60F), lbs/gal	10.5
g/ML (Mg/m3)	1.27

About GlyAcid[®] 57 HP

GlyAcid[®] 70 HP is a high purity glycolic acid in a 57% aqueous solution. It is a clear, virtually colorless liquid with a mild burnt sugar odor.

Packaging

- 250 Kg Drums
- 25 Kg Pails

Applications

- Skin Care
- Hair Care
- Nail Care

