70 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 PURE CHEMISTRY | CrossChem LP Carlsbad CA USA

70 HP SPECIFICATIONS

PROPERTY	LIMITS	TYPICAL RESULTS
Total Acid %	70 – 72	71.1
Free Acid %	63 – 66	64.7
Color (APHA)	15 Max	8.0
Formaldehyde mg/Kg	Report	ND*
Iron ppm	3 Max	2.19

Appearance: Clear liquid

Stability: GlyAcid® 70 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.

***ND:** Not Detected - tests show property not detected. 5ppm detection limit.

70 HP PHYSICAL PROPERTIES

PROPERTY	VALUE
Formula	$C_2H_4O_3$
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® 70 HP

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

Packaging

- 25 Kg Pail
- 250 Kg Drum
- IBC Tote
- ISO Tank

Applications

- Skin Care
- Hair Care
- Nail Care

Distributed By:

Berg+Schmidt Functional Lipids