

Technical Grade Glycolic Acid Solution , 70%

Name: GLYCOLIC ACID

Synonyms:HYDROXYACETIC ACID

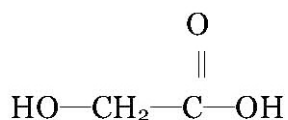
CAS No.: 79-14-1

EINECS No.:201-180-5

Molecular Formula:C2H4O3

Molecular Weight:76.05

Structural Formula:



Solubility: freely soluble in water, methanol, ethanol, acetone, acetic and ethyl acetate; hardly soluble in hydrocarbon solvents.

Attribute: low odor, high water solubility, non-flammability, biodegradability, efficient neutralization, compatibility with many cleaning additives

Technical Grade Glycolic Acid Solution , 70%		
Item	Specification	Typical Analysis
Total Acid	70%-72%	70.5%
Color, Gardner	3 Max.	1
Turbidity, ntu	6 Max.	1
Chloride as Cl	10 ppm Max	5 PPM
Sulfates as SO ₄	10 ppm Max.	U*
Iron	50 ppm Max	9.47 ppm
Appearance	Clear to Light Amber	Clear to Light Amber
U*: Undetectable - test shows property not present		

Suggested usage level:

For the cleaning products for industrial equipment: 5-10%

Stability and storage:

Glycolic acid 70% solution is stable stored at temperature above 10°C(50°F). Polymerization occurs above 50°C(122°F) and it will decompose at about 78°C(172.4°F). The storage area should be kept warm to maintain temperatures above 10°C(50°F) to prevent precipitation of glycolic acid crystal.

Applications:

Synthetic glycolic acid and its derivatives are used widely in household, industrial cleaning applications. It can be used as a flavoring agent and preservative in food processing, water treatment industries; PH control, and chemical intermediates; It can also be applied as an important additive in many fields, such as metalworking, tanning, spinning, dye printing.

Package: 250kg Drum; 1000kg/4 Drum/1 Pallet; 20MT/20FCL

1250kgs/IBC , 18 IBCs/20'FCL , 22.5MT/20'FCL

Shelf life: 12 Months