

PRODUCT NAME

Specification Sheet

Description: Microbial control agent for preservative-free claims. Based on organic acids & efficacy boosters.

CAS: 56-81-5, 1812-53-9, 77-92-9, 50-21-5, 50-81-7

INCI Name: Glycerin, didecyltrimonium chloride, citric acid, lactic acid, ascorbic acid

Composition: Glycerin, didecyltrimonium chloride, citric acid, lactic acid, ascorbic acid

Appearance: Light clear liquid, faint odor, may haze when chilled

pH Value: 1.5 - 3.0 (10% aqueous solution)

Benefits:

- Mild yet effective antimicrobial agent
- Imparts little odor or color to a wide range of leave-on and rinse off products for skin and hair
- Globally accepted from various natural/organic organizations
- Can be used in products for a preservative-free claim (free of parabens, isothiazolinones, and formaldehyde releasers)

Use: Add to water phase or after formulation has been completed. Use between 0.75-1.5% pH range 4-8. For external use only.

Applications: Skin & hair care, bath products, make-up.

Solubility: Water-soluble

Preservation: No preservatives

Storage: Store in a closed container at a dry place at room temperature

Country of Origin: USA

Raw material source: Hydrolyzed corn starch, calcium hydroxide, ammonium

Manufacture: Proprietary blend of three different acids with antimicrobial activity together with didecyltrimonium chloride, a quaternary ammonium salt, a well known disinfectant and antiseptic ingredient.



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Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal derived components

HS Code: 2942000000