

Phenethyl Alcohol

Specification Sheet

Description: Plant derived liquid preservative with broad spectrum efficacy against Gram-Positive, Gram Negative, Yeast and Fungi. This mixture of phenethyl alcohol, glycerin and caprylhydroxamic acid penetrates the cellular membranes/walls of micro-organisms resulting in optimized anti-microbial efficacy.

CAS: 60-12-8, 56-81-5, 7377-03-9

INCI Name: Phenethyl Alcohol, Glycerin, Caprylhydroxamic Acid

Composition: Phenethyl Alcohol, Glycerin, Caprylhydroxamic Acid

Appearance: Clear to Yellowish Liquid

Benefits:

- Highly effective, broad-spectrum preservative.
- Plant based blend, of phenethyl alcohol, glycerin, and caprylhydroxamic acid.
- Designed to penetrate the cellular membranes and walls of microorganisms, enhancing antimicrobial efficacy.
- Broad-spectrum activity.
- Provides a natural rose scent to products which eliminates adding fragrance.
- Effective in pH range 4-8.5
- Does not effect foaming or viscosity in formulations.

Use: Recommended use level of 0.70% to 1.50%. Performs best in pH of 4.0-8.5. This clear liquid can be added directly to the formulation during, pre- or post-emulsification at or below 60°C/140°F. Can be used in skin lotion, creams, cleansers but also shampoos and conditioners.

Applications: All kinds of skin & hair care products. Such as emulsions, cleansers, shampoos, conditioners, wipes, sun care products, & makeup products.

Solubility: Soluble in ethanol and in oil

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

Country of Origin: USA

Raw material source: Dianthus caryophyllus (carnation), Rosa damascena (Rose), Cocos nucifera (Coconut)

Manufacture: Phenethyl Alcohol is combined with Glycerin and Caprylhydroxamic Acid, following this mixture is subjected to a heating and subsequent cooling process.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 3808993000