

Phenoxyethanol-Sorbic Acid

FACT SHEET

Description: Blend of phenoxyethanol (50.5-54.5%), caprylyl glycol (40-44%) & sorbic acid (5.0-7.5%), very effective broad-spectrum preservative, compatible with most raw materials. Clear to light yellow liquid. Soluble in water (1g/100g) & alcohol. CAS# 122-99-6, 110-44-1.

INCI Name: Phenoxyethanol, sorbic acid, caprylyl glycol.

Properties: Offers effective broad spectrum protection against gram-positive & gram-negative bacteria, yeast, & mold while imparting emolliency to finished products.

Use: Recommended use level of 0.75-1.50%, performs best in pH of 6.0, but also proven effective at pH levels above 6.0. Can be added directly to the formulation during pre- or post-emulsification at or below 60°C.

Applications: All kinds of skin & hair care products (incl. emulsions, aqueous and anhydrous systems), sun care products, & makeup products.