

**iBACT PHENOXYETHANOL**

**INCI Name (US):** Phenoxyethanol

**INCI Name (EU):** Phenoxyethanol

**CAS #:** 122-99-6

**General Information/  
Characteristics:**

iBact Phenoxyethanol is a colorless or slightly yellowish transparent oily liquid, it can dissolve with water and polar organic solvents such as ethanol, 1-Propanol or 1,2-Propanediol, 50% glutaraldehyde of BASF and Protectol PP. Because of its excellent solubility, it can be used to dissolve many kinds of raw materials and active ingredients, for example: 2,4-Dichlorobenzyl alcohol, Methylparaben, 1,2-dibromo-2,4-dicyanobutane (DBDCB) and Iodopropynyl butylcarbamate (salt) (IPBC). It has no irritation to the skin in normal dosage. This product has broad antibacterial activity, MIC: 0.06% - 1%.

**Benefits / Application:**

Benefits:

- Excellent solubility in many kinds of raw materials and active ingredients.
- Easy to dissolve in water and polar organic solvents
- With broad antibacterial activity
- No irritation to skin
- Applicable to a wide range of pH value
- Good synergistic interaction with other antimicrobial agents
- Excellent compatibility with different types of products, applicable for Cosmetics, Household cleaning products.

Applications:

- Antiseptic sterilization of Cosmetics
- Antiseptic sterilization of household detergents
- Hard surface disinfectants
- Surgical medical instruments disinfectants

**Formulations Advices:**

Typical dosage is 0.1~1%, It has better synergistic effect with other preservatives.

**Regulatory Status:**

No specific regulation

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**Physico-Chemical Properties:**

Aspect	Transparent liquid
Color	Colorless or light yellowish
Assay (%)	Min. 99.5
Phenol Content (%)	Max. 0.001
Water content (%)	Max. 0.50
Color (Platinum-cobalt colorimetric)	10

\*These values indicate typical specification; they are not intended to be used as product specifications.

**Shelf Life / Storage Conditions**

Keep in cool, Dry, Ventilated and Lightless Place, normal storage conditions, storage period of 24 months.

Transport: Light unloading, avoid collision and inversion.

**Packaging:**

200 Kg/drum

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Version:

Date:

