

## Technical Information

**Verstatil® BP****The Product: Verstatil® BP**

This synergistic blend of phenoxyethanol and benzoic acid is ideal if a low dosage of the preservative is desired. It reliably preserves with a broad activity against bacteria and fungi. Verstatil® BP does not lead to discoloration of the product. The optimum pH range is between 4.0 – 6.0.

**COSMETIC AND ANTIMICROBIAL PROPERTIES**

- *INCI: Phenoxyethanol; Benzoic Acid*
- Appearance: colorless to yellowish liquid
- Synergistic combination of phenoxyethanol and benzoic acid
- No isothiazolinone/ parabens/ formaldehyde-releasers/ halogenorganic compounds
- Avoid the discoloration problem occurring with traditional preservatives in surfactant based formulations or wet wipes
- Colorless alternative to common BPD blends (benzoic acid; phenoxyethanol; dehydroacetic acid)
- For all types of cosmetic products, especially rinse-off

**DOSAGE**

Product Concept	Dosage
Rinse off	0.5 – 1.0 %
Leave on	1.0 %

Max. dosage ~1.1 % according to European Cosmetics Legislation. Please consider your national legislative restrictions.

**ANTIMICROBIAL EFFICACY**

Gram +	Gram –	Yeast	Mould
++	++	++	++

Legend: + = good, but needs a co-active | ++ = very good alone

## FORMULATION FEATURES

### *Suitable for:*

- pH range 4.0 – 6.0
- Ideal if a low use concentration is desired
- Perfectly suitable for emulsions, surfactant based and water based products, also for wet wipes

### *Incorporation:*

- Hot or cold processable
- In emulsions: Can be added to the water or oil phase at any point during the manufacturing process
- In surfactant based products: recommended to mix with the water phase before thickening

## Trade Information

International Approval*	EU, USA, Canada, Australia, China, Japan, Korea.
Packaging	5 / 25 / 200 / 1000 kg
Shelf life ( <i>stored in original container</i> )	36 months

\* Information is based on our best knowledge and reviewed for the most requested regions only. We recommend to check current regulatory requirements in individual target countries. For more information, refer to Product Data Record (PDR) document chapter 5.

For further information, please contact:  
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