

Technical Information

Verstatil® MBO

The Product: Verstatil® MBO

Tailor-made raw material blend for the efficient preservation of wet wipes. Liquid, easy to use blend for the economic formulation of wet wipe solutions. For application in emulsion or water-based products.

COSMETIC AND ANTIMICROBIAL PROPERTIES

- INCI: *Methylpropanediol; Caprylyl Glycol; Benzoic Acid*
- Appearance: colourless up to yellow clear liquid
- Optimized blend with the known preservative benzoic acid, combined with the wetting agent Caprylyl Glycol and the activity booster Methylpropanediol
- No Phenoxyethanol/ Isothiazolinone/ Parabens/Formaldehyde-releasers/ halogenorganic compounds
- Specially designed to fulfill industry's requirements: broad-spectrum efficacy, easy to handle, economic and flexible
- For different types of wet wipe liquids (emulsion or water based) on various nonwoven fabrics, globally approved

DOSAGE

Product Concept	Dosage
Wet wipes	0.8 – 1.2 %

Max. dosage 3.3 % 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 (LABORATORY SCALE)

Suitable for:

- pH range 4.0 – 6.5
- Performance is increasing with decreasing pH, due to the activity based on an organic acid
- Suitable for:
 - Emulsion based wet wipe liquids with low viscosity
 - Water based wet wipe solutions

Incorporation:

- Hot or cold processable
- Clear products possible
- Emulsion based liquids: add to the water phase, preferably before homogenization
- Aqueous or hydroalcoholic liquids: add to the water phase. The addition of a low amount of solubilizer is recommended

Trade Information

International Approval*	EU, USA, Canada, Australia, China, Japan, Korea.
Packaging	25 / 200 / 1000 kg
Shelf life (<i>stored in original container</i>)	24 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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