



LABORATOIRES
SÉROBIOLOGIQUES

Division de Cognis France

ELESTAB® 3334

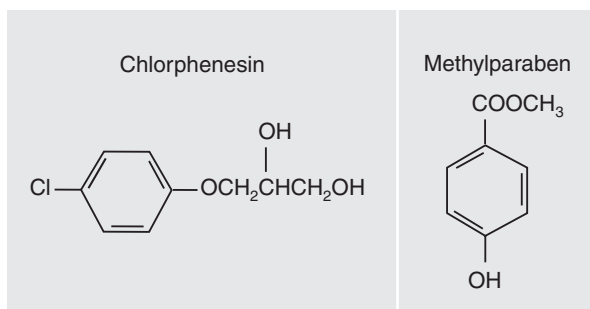
PRESERVATIVE SYSTEM FOR WET WIPES

DEFINITION / COMPOSITION

ELESTAB® 3334 is a liquid ready-to-use hydrosoluble preservative system designed for microbiological stabilization of cosmetic preparations.

Components:

ELESTAB® 3334 is a mixture of **chlorphenesin** and **methylparaben** in propylene glycol.



ANTIMICROBIAL PROPERTIES

Strains	ELESTAB® 3334 Concentration (%)	
	MIC (*)	MMC (**)
Bacteria		
<i>Staphylococcus aureus</i> NCTC 10788	2	2
<i>Staphylococcus epidermidis</i> NCIMB 8853	1	2
<i>Lactobacillus brevis</i> NCIMB 11973	0.5	0.5
<i>Lactococcus lactis</i> NCIMB 6681	0.25	0.25
<i>Corynebacterium xerosis</i> NCTC 8481	1	1
<i>Escherichia coli</i> NCIMB 8545	0.5	1
<i>Enterobacter cloacae</i> NCIMB 10101	0.5	1
<i>Klebsiella aerogenes</i> NCTC 7427	0.5	1
<i>Klebsiella pneumoniae</i> NCIMB 10341	1	1
<i>Proteus vulgaris</i> NCIMB 4175	0.5	0.5
<i>Pseudomonas aeruginosa</i> NCIMB 8626	2	2
<i>Pseudomonas putida (fluorescens)</i> ATCC 12842	0.016	0.5
<i>Salmonella typhimurium</i> NCIMB 10258	1	1
<i>Serratia marcescens</i> NCIMB 11851	1	1
Fungi		
<i>Aspergillus niger</i> IMI 149007	0.25	2
<i>Penicillium funiculosum</i>	0.25	1
Yeasts		
<i>Candida albicans</i> NCPF 3179	1	2
<i>Saccharomyces cerevisiae</i> NCPF 3178	1	1

(*) MIC = Minimum Inhibitory Concentration
(**) MMC = Minimum Microbicidal Concentration

COSMETIC USE

ELESTAB® 3334 is a microbiological preservative system developed for limpid or opalescent, aqueous or alcoholic (tonics,...) preparations as well as for other supports such as **wet wipes**.

DOSAGE / SOLUBILITY / MODE OF INCORPORATION

1. Dose of use: 1 to 1.5%.

The relevant antimicrobial protection of the cosmetic product has to be checked by a challenge test.

2. Solubility: ELESTAB® 3334 is soluble in water and ethanol, insoluble in oils and fats.

3. Mode of incorporation: ELESTAB® 3334 is introduced, at room temperature, during the finishing process of the cosmetic formulation.

COMPATIBILITY / INCOMPATIBILITY

The suitable pH is between 3 and 9.

ANALYTICAL CHARACTERISTICS

1. Aspect: colorless to pale yellow liquid with a weak odor.
2. Specifications: upon request.

TOLERANCE

Good.

STORAGE

In its original packaging, at 15 - 25°C.

REGULATORY STATUS

Approved: USA, EC, Japan, Australia, Canada.

INCI NAME

Propylene Glycol (and) Chlorphenesin (and) Methylparaben.

MANUFACTURER / SUPPLIER

Laboratoires Sérobiologiques, division de Cognis France.