

responsible antimicrobial solutions

trade name INCI	COSMOS*	ISO 16128 % natural origin	biodegrad- able	features and benefits	pH value	rec. use conc. in %	leave- on	rinse- off	wet wipes	acc. EU Cosmetics Regulation	acc. CIR (USA)	acc. ASEAN Cosmetic Directive	TSSC 2015 (China)
sensiva™ sc 80 multifunctional ¹ INCI: Propanediol, Caprylyl Glycol, Caprylhydroxamic Acid	—	60%		<ul style="list-style-type: none"> well-balanced blend of multifunctional ingredients provides antioxidant and well-aging benefits strong fungicidal efficacy 	3 - 8	0.3 - 1.5	+++	+++	+++	no restrictions for the use in cosmetics	max. 5.00% (leave-on) max. 6.00% (rinse-off)	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics
sensiva™ go natural multifunctional INCI: Caprylyl Glycol, Glycerol Caprylate, Propanediol	COSMOS* validated	100%		<ul style="list-style-type: none"> provides moisturizing, emolliency and re-fatting HRIPT tested: ideal for demanding skin 	4 - 7	0.5 - 2.0	+++	+	+++	no restrictions for the use in cosmetics	max. 5.00%	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics
euxyl™ eco 910 preservative ³ INCI: Benzyl Alcohol, Cymbopogon Flexuosus Leaf Oil, Tocopherol	COSMOS* validated	10%		<ul style="list-style-type: none"> benzyl alcohol boosted by trendsetting lemongrass oil persuades with scenting, anti-inflammatory and antioxidant properties 	3 - 8	0.5 - 1.0	+++	+++	++	max.1.1%	max. 3.33% (leave-on) max. 11.11% (rinse-off)	max.1.10%	max.1.10%
euxyl™ k 712 preservative INCI: Sodium Benzoate, Potassium, Sorbate, Aqua (Water)	COSMOS* compliant	55%		<ul style="list-style-type: none"> market-leading organic acid blend cost-effective ready-to-process liquid 	3 - 5.5	0.5 - 1.5	+++	+++	++	max. 1.96% (leave-on) max. 5.35% (rinse-off)	max. 3.33%	max. 1.96% (leave-on) max. 5.35% (rinse-off)	max. 1.96%
euxyl™ k 903 preservative ² INCI: Benzyl Alcohol, Benzoic Acid, Dehydroacetic Acid, Tocopherol	COSMOS* compliant	0%		<ul style="list-style-type: none"> counterpart to market-leading euxyl™ k 703 preservative enhanced antifungal properties 	3 - 6	0.4 - 1.2	+++	+++	+++	max.1.23%	max. 3.70% (leave-on) max. 10.00% (rinse-off)	max.1.23%	max.1.23%
optiphen™ bsb-n preservative (North America) rokonsal™ bsb-n preservative (Rest of World) INCI: Benzyl Alcohol, Benzoic Acid, Sorbic Acid, Glycerin	COSMOS* validated	40%		<ul style="list-style-type: none"> organic acid blend enhanced by benzyl alcohol enhanced antifungal properties natural glycerin for improved moisturizing 	2 - 5.5	0.3 - 1.0	+++	+++	++	max. 2.50%	max. 7.50% (leave-on) max. 25.00% (rinse-off)	max. 2.50%	max. 2.50%
optiphen™ bsb-w preservative INCI: Benzyl Alcohol, Sodium Benzoate, Potassium Sorbate, Aqua (Water)	COSMOS* compliant	36%		<ul style="list-style-type: none"> organic acid blend enhanced by benzyl alcohol enhanced antifungal properties 	2 - 5.5	0.3 - 1.0	+++	+++	++	max. 2.50%	max. 5.64%	max. 2.50%	max. 2.50%
effisin™ cg natural multifunctional INCI: Caprylyl Glycol	COSMOS* validated	100%		<ul style="list-style-type: none"> provides moisturizing and emolliency ideal for certified natural formulations 	2 - 12	0.3 - 2.0	+++	++	+++	no restrictions for the use in cosmetics	max. 5.00%	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics
effisin™ la natural multifunctional INCI: Levulinic Acid, Aqua (Water)	COSMOS* validated	100%		<ul style="list-style-type: none"> good bactericidal efficacy cost-effective ready-to-process liquid 	3 - 5.5	0.4 - 1.0	++	++	++	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics
effisin™ pg natural multifunctional INCI: Pentylen Glycol	COSMOS* validated	100%		<ul style="list-style-type: none"> provides moisturizing and emolliency perfect for transparent formulations booster for microbial protection systems 	3 - 12	1.0 - 5.0	++	++	++	no restrictions for the use in cosmetics	max. 5.00%	no restrictions for the use in cosmetics	no restrictions for the use in cosmetics

¹ Not available in the US

² EU: Not to be used in aerosol dispensers (sprays)

³ euxyl™ eco 910 CH preservative, INCI Name: Benzyl Alcohol (and) Cymbopogon Citratus Leaf Oil (and) Tocopherol

responsibly solving for a better world

Ashland solvers are passionate about innovation and finding solutions to improve our customers' products and processes while reducing our environmental impact, preserving the world's natural resources and enhancing the quality of life, with future generations in mind.


Consumers are increasingly choosing products that originate from renewable resources. They seek planet-friendly and biodegradable labels and want assurance that ingredients are ethically sourced from farm to finished product.

At Ashland, we believe sustainability is vital to our planet for the health and wellbeing of future generations. Natural, nature-derived, and biodegradable ingredients thereby play an imperative role.

Ashland's antimicrobials are ideal solutions for products aimed at the eco-aware consumer. We support consumers in making ethical choices, reducing environmental footprint, and enhancing the quality of life within our communities while ensuring the long-term sustainability personal care products.

Antimicrobial products are designed to extend the shelf-life of cosmetic products while protecting against spoilage and contamination. All antimicrobials included in this sustainability information are characterized by some of the following criteria:

- naturality (ISO 16128)
- COSMOS* standard validation
- biodegradability (OECD)

 **biodegradable:** Has attained a sufficient level of biodegradation that meets the requirements for 'ready' or 'inherent' according to OECD or related methods such as, 301, 302, or 306, or product has been assessed as being biodegradable based on a read-across to a chemical with similar structure or the product components have been analyzed for biodegradation potential

 **natural:** meets ISO 16128-2:2017 100% natural origin content standard

 **nature-derived:** meets ISO 16128-2:2017 50% - 99% natural origin content standard



**find the product you need
with our antimicrobial
selector tool**

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Europe — Switzerland
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