



HARKE
HomeCare



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Mirapol® Hygiene Boost –
Fabric Freshness that Defies Time

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Fresh fabrics, all day, every day with Mirapol® Hygiene Boost

As consumers search for solutions against “permastink” – long term malodor development especially in synthetic fiber sportswear – there is a growing demand for laundry products to provide freshness and malodor control management. Today’s consumer expectations for fabric care require high-performance solutions with naturally derived ingredients and odor-fighting effectiveness for freshness and cleanliness. Mirapol® Hygiene Boost is a polymer that helps control malodor in fabrics and clothes by promoting long-lasting odor prevention through optimized interaction with fabric surfaces. This inherently primarily biodegradable ingredient offers long-lasting odor control without compromising the primary detergency or causing fabric graying, making it an ideal solution for modern, eco-conscious fabric care.

Longer Lasting Malodor Performance Across a Range of Fabric Care Products

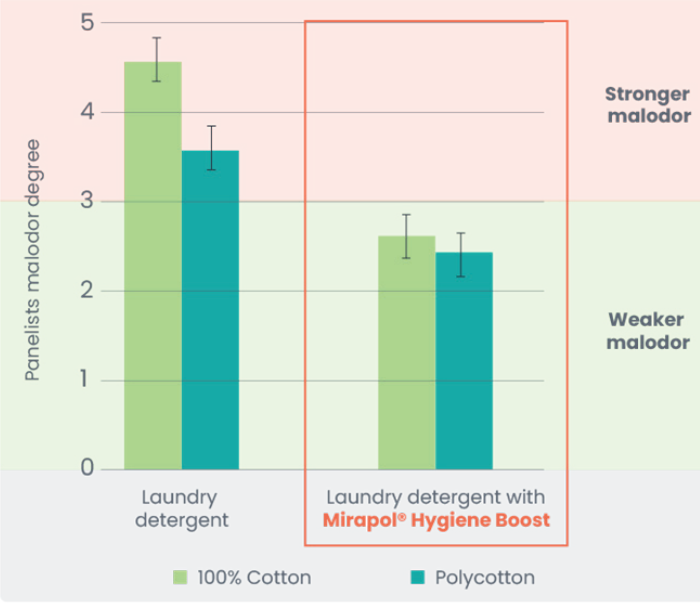
From **liquid laundry detergents** to **fabric sanitizers** and **refresher sprays**, Mirapol® Hygiene Boost fights against malodor development and offers longer lasting protection to prolong fabric lifetime. It is compatible with both anionic & nonionic surfactants, and can be formulated in liquid laundry

detergent to achieve clear and transparent formulations. Mirapol® Hygiene Boost is supplied in a concentrated liquid form and is easy to use in continuous manufacturing processes, even at cold temperatures.

Enhanced freshness performance with Mirapol® Hygiene Boost

The graph below presents the results of a panel test evaluating the perception of fabric freshness. The findings clearly demonstrate that the Mirapol® Hygiene Boost-powered laundry detergent significantly enhances fabric freshness. Participants consistently rated fabrics washed with the enhanced laundry detergent as having significantly reduced malodor compared to those washed with the benchmark, highlighting the product’s superior odor-fighting performance.

Typical Properties
Appearance: Transparent slightly yellowish liquid
Brookfield viscosity: 800 cP, RV04, 10 rpm, 21°C
pH: 7,00



Liquid Laundry Formula

	Ingredients	Function	% in Active
	LABSA 96% Linear Alkyl Benzene Sulphonic Acid	Cleaning agent	9
Plant-based sodium laureth sulfate produced entirely with renewable carbon	Rhodapex® ESB 70 NAT MB Sodium Lauryl Ether Sulfate (2 mole EO), 70%	Cleaning agent	5
Plant-based 7 EO lauryl alcohol surfactant	Rhodasurf® L7 NAT MB Laureth-7 (Linear C12-14 alcohol with 7.3	Cleaning agent	9.7
Natural-based & biodegradable soil release polymer to prevent dirt incrustation	Repel-O-Tex® Crystal NAT	Soil release Polymer	1
	Coconut fatty acid	Soap	5
	Propylene glycol	Viscosity Reducer	6.5
	Diethylenetriamine penta (methylene phosphonic acid)	Chelating agent	1
Cationic polymer helping to control the malodor	Mirapol® Hygiene Boost Cationic polymer	Malodor control	0.5
	Sodium Hydroxide (40%)	Neutralizer	2.0
	Water Solvent Qs 100	Solvent	Qa 100

Mirapol® Hygiene Boost: Key Features

Consumer benefits:

- Anti “permastink”
- Malodor control over time
- Long lasting freshness
- Prolongs fabric lifetime
- No graying of fabrics
- Inherently Primarily Biodegradable

Applications:

- Liquid laundry detergent
- Laundry sanitizers
- Fabric refresher sprays

Formulation benefits:

- Compatible with anionic & non-ionic surfactants
- Suitable for clear and transparent formulations
- No negative impact on primary detergence
- Easy to use in continuous manufacturing processes and cold temperatures
- Supplied in concentrated liquid form



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