kreussler
TEXTILE CARE

Performance fuelled by nature

OptiCare 50° GREEN for the industrial laundry

EU Ecolabel
www.ecolabel.eu
EU Ecolabel: DE/039/026



www.kreussler-chemie.com

OptiCare 50° GREEN
Performance fuelled by nature

Combining certified sustainability with outstanding performance to meet the highest professional demands!

Maximum performance alongside unrivalled environmental protection: The new OptiCare 50° GREEN modular system has been awarded the renowned EU Ecolabel. It delivers hygienic, clean laundry effortlessly while protecting textile fibers as well as the environment. Operating at an optimum 50°C temperature makes short work of even the heaviest soiling, oils, and greases swiftly and safely. OptiCare 50° GREEN is ideal for hotel and restaurant laundry as well as for workwear of all kinds. It also caters for coloured textiles too, thanks to the optional brightener. The system combines unbeatable performance with maximum environmental friendliness to meet both the most stringent demands of industrial laundries and the strict criteria of the EU Ecolabel. True to the label's motto “Better for the environment ... better for you”, this multi-component system gives you next-level laundry performance, both ecologically as well as economically. Discover “Performance fuelled by nature!”

Your benefits at a glance:

- Certified environmental friendliness thanks to the EU Ecolabel
- A flexible multi-component system accommodating various laundry types
- Extremely concentrated products save on transport costs, storage space, and waste
- Outstanding washing power for fast and thorough cleaning with minimal rewashing
- Operates at low temperatures, saving you energy and money and extending the textile service life
- All products are free of phosphates, APEO, borates and perborates, EDTA, NTA, musk xylene, formaldehyde and formaldehyde releasers and comply with the EU Detergents Regulation 648/2004/EC
- The use of Kreussler dosing technology ensures highly precise and perfectly timed minimum dosing as well as consistent laundry quality with optimum textile protection

DERVAL Power GREEN

Highest washing power with minimum application quantities: The “liquid powder” with extra surfactant power. Usable as both a basic washing and prewashing agent for heavily soiled workwear, kitchen linen, coloured laundry, and textiles with intensive oil and grease soiling. DERVAL Power GREEN features minimal foaming and zero optical brighteners, NTA, and bleaching agents.

DERVAL Energy GREEN

Gentle to fibres and colours, tough against mineral oils, pigment dirt and greases: The highly concentrated wash booster delivers – even with high dirt loads in the washing liquor. Especially developed as wash additive for oil-contaminated clothing made of temperature-sensitive fabrics, it handles white and blue workwear, PPE/protective clothing and mat washing all in its stride.

OTTALIN OxyActive

Swift and super-efficient: The activated super concentrate for oxygen bleaching of textiles. The halogen-free OTTALIN OxyActive exploits active oxygen to bleach fibres gently and hygienically, even at low temperatures, while its decomposition products biodegrade quickly and in full.

OTTALIN Duacid

A dual-acid power combination with optimal buffer range for all water hardnesses: The neutralising agent for tunnel washers and washer extractors ensures pH values remain stable, even after damp storage, and prevents build-up of yellow spots. Bonus features: Antistatic effect and improved passage through the mangle.

OTTALIN BLANC

The optional additive for lights and whites: Even used sparingly, this powerful brightener delivers dazzling whites and reduces yellowing gently and thoroughly. For cotton and viscose textiles.

OTTALIN OptiBleach

The perfect add-on to the OptiCare 50° GREEN system. Delivers chlorine whiteness without chlorine damage – highly efficient and cost-effective!



Optimal results at 50°C: The OptiCare 50° concept

The OptiCare 50° process was specially developed for use in industrial laundries. Taking a big-picture overview of the process, the elements of soil removal, dosage, energy, fabric protection, wastewater and process reliability have been combined for the best possible end result. Numerous laboratory and field tests were carried out to determine the optimal washing temperature. The verdict: Although operating at temperatures of 40°C delivers good fabric protection and energy consumption performance, eliminating all the dirt requires greater product usage. Conversely, at 60°C, although less of the product is used, more energy is consumed and the service life of the textiles is shortened.

The optimal solution: OptiCare 50°! A temperature of 50°C allows savings of 50 to 60% on chemical and process costs to be achieved. Using exhaust air heat exchangers in the laundry could even provide all the energy that is needed to heat the fresh water – perfectly in line with an optimally sustainable circular economy. Recovering heat from waste water and the exhaust air often generates fresh water temperatures of 50°C, which is ideal for downstream laundry processing in the finishing area. The laundry can be sorted and it is still warm enough to keep energy losses during drying low. The OptiCare 50° process also fits perfectly into the idea of a “steam-free laundry” with an increased use of gas in the finishing area and/or the generation of more energy inhouse by leveraging regenerative approaches. Comprehensive dirt removal and excellent whiteness values go hand in hand with optimal material protection.

The new OptiCare 50° GREEN multi-component system allows a broad range of white and coloured textiles to benefit from an EU Ecolabel certified process: from flat linen and hotel laundry to hospital linen and heavily soiled workwear, protective clothing and PPE.

The Kreussler sustainability strategy – less talk, more action!

As well as flying the flag for sustainability for decades, Kreussler is certified according to the environmental standard DIN EN ISO 14001:2015 and is a member of the VCI. It is also committed to the guidelines of the worldwide Responsible Care initiative and was awarded a prize as part of the Hessian Ökoprofit program.

All products are developed and manufactured at our company site in Germany. Regardless of the legal requirements imposed, we develop products to be as efficient as possible, while minimizing the environmental and health impacts and offering unrivalled textile protection. The invention of the original wet cleaning is a perfect example – still setting the standard for sustainable textile care to this day. All Kreussler solutions use substances that are as environmentally and health compatible as possible, effectively biodegradable, dermatologically tested and with minimal wastewater pollution, while we minimise the amount of water and energy we use during production. Concentrating the products to the limit of what is technically feasible allows for dosing volumes up to 30% below the industry average and reduces packaging and transport costs accordingly. Our in-house dosing technology enables minimised product dosing.

Our detergents do not contain any substances classified under EU Directive 67/548/EEC Annex VI, no PBT, vPvB or SVHC substances and are REACH compliant (Regulation (EC) No. 1907/2006). They are free from phosphates and APEO, borates and perborates, EDTA, NTA, musk xyloles, formaldehyde and formaldehyde releasers and comply with EU Detergents Regulation 648/2004/EC.

The disinfectant detergents and washing aids meet the requirements of the Biocidal Products Ordinance (EU) No. 528/2012. In addition to the EU Ecolabel, our product range also includes items bearing the Swedish Bra Miljöval (“Swedish Falcon”).

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Kreussler was founded in 1912. The family business is currently managed by the fourth generation and has two divisions: Textile Care and Pharma. Environmentally friendly and future-oriented innovations, highest quality and responsibility for the conservation of resources are integral parts of the corporate philosophy. We are committed to complying with relevant environmental laws and regulations, chemicals legislation and the environmental standard DIN EN ISO 14001:2015.

Kreussler follows the guidelines of the global Responsible Care initiative. Our detergents and washing auxiliaries are dermatologically tested, biodegradable, designed according to the latest legal guidelines and can be dosed precisely. The detergents do not contain any substances classified under EU Directive 67/548/EEC Annex VI, no PBT, vPvB or SVHC substances and are REACH compliant (Regulation (EC) No. 1907/2006). They are free from phosphates and APEO, borates and perborates, EDTA, NTA musk xyloles, formaldehyde or formaldehyde releasers and comply with the EU Detergent Regulation 648/2004/EC. The disinfectant detergents and washing aids meet the requirements of the Biocidal Products Ordinance (EU) No. 528/2012.

As an internationally oriented enterprise, Kreussler has four subsidiary offices in the USA, UK, France, and Sweden, as well as technical field services in many other countries. For worldwide deliveries in more than 70 countries, Kreussler operates a network of competent partner companies. Production is exclusively at the corporate headquarters in Wiesbaden where the in-house R&D department is also located.

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All the details given are correct to the best of our knowledge.
They must be adjusted to suit operating conditions.
We accept no liability in respect of this information.

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DIN EN ISO 14001:2015

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