

# Green Line®

The product line for more sustainable washing.



**burnus**  **HYCHEM**

Laundry systems for professionals.

Innovative. Efficient. Sustainable.





## The Green Line® by BurnusHychem: More sustainable washing.

Detergents and the environment are a combination that demands special responsibility. For this reason, we developed Green Line®, a product line for ecological washing that meets the criteria of type I eco-labels. As a result, we can assure commercial laundries that, by using the innovative products and optimized processes of BurnusHychem, they are making a strong contribution to the environment and can make a positive impression on their customers.

### Product quality "Made in Germany".

At BurnusHychem, sustainability and quality are closely linked. It begins with the raw materials and continues with the processes to preserve textile quality during the laundry process. Green Line® products are manufactured in Germany at our own two plants in Steinau an der Straße. We can thereby guarantee our customers the high standards of quality, reliability and sustainability they have come to expect.

Our quality and environmental management systems are certified according to DIN EN ISO 9001:2008 and DIN EN ISO 14001:2009. We subject all raw materials used in production to comprehensive quality-control checks. The manufacturing process is strictly monitored as well, as are the final products when they leave the production process.

### A consistent focus on the environment.

From development and production to use in the washing process through to biodegradability – the Green Line® product line takes a holistic approach to enabling commercial laundries to operate in a more sustainable manner. The products are free of phosphorous compounds, nitrilotriacetates, solvents and hazardous substances. They are packaged in 100%-recyclable containers with an optimal weight-to-utilization ratio.

Green Line® products were designed to achieve the highest washing performance with the smallest quantity used. In combination with automated dosing systems companies realize significant savings in detergent and chemicals as well as make the smallest possible impact on aquatic ecosystems. With the BurnusHychem package recycling system, empty containers are collected and prepared for reuse.

## Solutions to the ecological challenges of modern laundries.

The Green Line products meet the highest quality and EU environmental standards – point by point:

- ✓ Produced at ISO 9001/ISO 14001-certified production sites in Germany ("Made in Germany").
- ✓ They fulfill the requirements of the Type I environmental label (i.e., the EU Ecolabel, the Austrian Environmental Seal and the German Blauer Engel).

The following environmental aspects are also of vital importance to us:

- ✓ Free of phosphorous compounds and solvents.
- ✓ Filled in 100%-recyclable packaging with an optimal weight-to-utilization ratio.
- ✓ With the package recycling system, empty containers are collected and prepared for reuse.
- ✓ Designed to achieve the highest washing performance with the smallest amount used.
- ✓ Automatically controlled state-of-the-art dosing systems for precision dosing in conveyor washing machines and washer extractors.
- ✓ Only easily anaerobic and aerobic degradable substances are used.
- ✓ Designed to make the smallest possible impact on aquatic ecosystems.

## Green Line®: Take responsibility. Achieve profitability.

Hygiene and cleanness in textile processing have never been so sustainable. Explore the entire range of more eco-conscious products for professional laundry care.

## GREEN Ultra®

Environmentally friendly, concentrated liquid detergent for economic processes

- Free of phosphorous compounds (phosphates, phosphonates)
- No solvents
- Free of hazardous substances
- Tensides are degradable under anaerobic and aerobic conditions
- Minimal impact on wastewater
- Substances are compatible with standard wastewater treatment plants
- Low electrolyte content
- No preservatives
- Dermatologically tested

## Trisanox®-Aktiv

Liquid bleach activator with full performance starting at 60 °C in combination with Trisanox-Oxyd®

- A highly efficient activator combination with 30% more bleaching power than conventional peroxy acid methods
- Color- and fiber-preserving features
- Odor neutral – traditional peracetic acids are not used
- Safe for storage and transportation
- Safe to handle, not a hazardous material
- Ecologically harmless





## GREEN Boost®

Alkaline detergent booster with environmentally friendly, latest-generation complexing agents

- Highly concentrated
- For removing stubborn soiling
- Improved performance through a complexing additive
- Eco-efficiency analysis of the complexing agent is available
- No phosphorous compounds of any kind
- Easily biodegradable
- No unnecessary increase in salinity during the laundry process
- Can also be used to clean membranes of conventional wastewater treatment plants

## Trisanox®-Oxyd

Highly active oxygen bleach for disinfection in combination with Trisanox-Aktiv®

- Concentrated, stabilized oxygen bleach
- For efficient, economical laundry processes
- Ecologically neutral bleaching components
- Odor neutral (no peracetic acid residue)
- No impact on wastewater (following active oxygen bleach in the solution, only H<sub>2</sub>O – that is, water – is left)
- Can be combined with all detergents
- No fee for volatile organic compounds in Switzerland
- Environmentally friendly, ecologically neutral

## GREEN Control®

Ecological neutralizing agent for odor-free neutralization of textiles

- For the complexing of undesired hard water or metal ions in the rinsing area
- Improved primary washing effect during recovery of rinse water through complexing of undesired heavy-metal ions
- Prevents yellowing when in the ironer and tumbler (no volatile acids)
- Especially suited for process water with high level of carbonate hardness
- For stable pH values in pressing water and on textiles
- For maximum whiteness
- Easily biodegradable

How can the Green Line® and our dosing technology help you in your business?

Please contact us:

BurnusHychem GmbH  
Karl-Winnacker-Straße 22  
D-36396 Steinau a. d. Straße  
Telephone: +49 6663 976-100  
Email: [contact@burnushychem.com](mailto:contact@burnushychem.com)





### Precise dosing for more sustainable processes.

In addition to the right products, cost-effective and environmentally friendly laundry processes require precise dosing technology for conveyor washing machines and washer extractors. With its compact Line® dosing system, BurnusHychem provides tailored solutions that allow modern laundries to capture these synergies. Innovative technology for three types of systems with a compact design thanks to just one pump that handles virtually all dosing processes and ensures minimal maintenance and service.

With our dosing and control technology that we develop and produce ourselves, we set the pace in the marketplace. We use only premium, individual components available worldwide in the event repair is needed. This guarantees absolute precision dosing and functional reliability – and we do this as the only manufacturer with a certified safety concept.

### Customer service and more.

We support our customers with the complete know-how and service excellence of BurnusHychem. Our technicians personally support laundries in Germany and abroad and ensure that water, energy and detergent are being used efficiently. BurnusHychem technicians check and calibrate the dosing equipment, monitor the temperatures of the machines and perform regular titrations.

We ensure the highest standards in our customers' operations through hygiene monitoring, energy audits and hazardous-material training. Our development and service laboratory is also available for customers' analyses and to resolve specific problems in commercial laundries. And BurnusHychem specialist seminars keep our customers' employees up to date on the latest standards in laundry technology, hygiene management and workplace safety.

#### Germany:

BurnusHychem GmbH  
Karl-Winnacker-Straße 22  
D-36396 Steinau a. d. Straße  
Tel. +49 6663 976-100  
Email: [contact@burnushychem.com](mailto:contact@burnushychem.com)  
[www.burnushychem.com](http://www.burnushychem.com)

#### Switzerland:

Burnus AG  
Bielstraße 32  
CH-4500 Solothurn  
Tel. +41 32 626 35 10  
Email: [contact@burnus.ch](mailto:contact@burnus.ch)  
[www.burnushychem.ch](http://www.burnushychem.ch)

#### Austria:

Burnus GmbH  
Babenberger Straße 9/9  
A-1010 Wien  
Tel. +43 1 585 34 57-0  
Email: [contact@burnus.at](mailto:contact@burnus.at)  
[www.burnushychem.com](http://www.burnushychem.com)

#### Italy:

Burnus S.r.l.  
Via Cascinetto 17/B  
I-26100 Cremona  
Tel. +39 0372 450 251  
Email: [contact@burnus.it](mailto:contact@burnus.it)  
[www.burnushychem.it](http://www.burnushychem.it)

#### United Arab Emirates:

Burnus General Trading LLC  
Al Shaibani Building M02  
(P.O Box 231374) Dubai / U.A.E  
Tel. +971 4 268 8845  
Email: [burnus@burnus.ae](mailto:burnus@burnus.ae)  
[www.burnushychem.com](http://www.burnushychem.com)

#### Poland:

Burnus Polska Sp. z o.o.  
ul. 17 Stycznia 45B  
PL-02-146 Warszawa  
Tel. +48 22 718 30 00  
Email: [contact@burnus.pl](mailto:contact@burnus.pl)  
[www.burnushychem.com](http://www.burnushychem.com)

#### Russia:

000 Burnus RUS  
Ketcherskaya st., 16  
RU-111402 Moskau  
Tel. +7 499 213 31-19  
Email: [contact@burnus.ru](mailto:contact@burnus.ru)  
[www.burnushychem.com](http://www.burnushychem.com)

**burnus**  **HYCHEM**

Laundry systems for professionals.

Innovative. Efficient. Sustainable.

[www.burnushychem.com](http://www.burnushychem.com)