

PERFECTLY CLEAN - FOR SURE



# BUZ<sup>®</sup> LAUNDRY DETERGENT PRODUCT OVERVIEW





**20 %**

less detergent consumption\*

## NOW EVEN MORE EFFICIENCY AND SERVICE FOR YOUR TEXTILE LAUNDRY

With Buz® Laundry you are getting the perfect product family for the professional cleaning of mop covers, cloths, bed and table linen, working clothes and towels. The whole Buz® Laundry product series has been designed as a modular system. This allows the washing performance to be adapted to specific requirements in industrial applications. The liquid application permits exact dosing of the products and allows them to develop their tried-and-trusted cleaning action even at low temperatures.

This way our laundry detergents offer you squeaky clean economic advantages: Thanks to optimized dosing, you now use 20% less detergent with Buz® Laundry Compact and Buz® Laundry Enz 3. The cleaning result is still as convincing as before – thanks to new measuring methods developed for the precise determination of cleaning performance.

Our Laundry service package, including planning, installation and support, is available for individual tailor-made dosing solutions. In practice, this means that following an inspection of your premises by one of our sales representatives, we will prepare an individual offer, which is exactly meeting your requirements. A qualified technician will assemble, install and set the system to ensure optimum efficiency. The Buzil service package is rounded off by a wide range of support services such as the regular maintenance service, 24-hour hotline and a fast breakdown response service.

DETERGENT

\*Established with new measuring methods for the precise determination of cleaning performance.

**BUZ® LAUNDRY COMPACT L 810**

Highly concentrated liquid detergent

pH 14

With powerful tenside system



**Fields of application**

- Heavy-duty detergent for commercial use
- For following types of fabric: cotton, polyester, microfibre, viscose, polyamide, polypropylene
- For all washing temperatures: 30 °C to 95 °C
- For all water hardness ranges

**Product advantages**

- Efficient and powerful surfactant system for optimum dirt removal
- Optimum lime binding capacity due to special chelating agents
- Optical brighteners create perfect whiteness
- Excellent dirt holding capacity so detached dirt does not build up on the fibres
- Protects against greying

- Effortlessly removes stains such as street grime, soot, grease and oil, urine, etc.

**Application and dosage**

For manual and automatic dosing Buz® Laundry Compact L 810 is added to the main wash in the recommended dosage shown below:

hardness range	mmol / l	°dH	ml / kg (dry laundry)
soft	up to 1,3	up to 7,3	10-15
average	1,3-2,5	7,3-14	10-20
hard	2,5-3,8	14-21,3	15-25
very hard	over 3,8	over 21,3	20-30

**Container**

- 2 liter bottle / 10 liter canister / 20 liter canister

**BUZ® LAUNDRY ENZ 3 L 820**

Concentrated enzyme liquid detergent

pH 8

Reliably removes proteins, starch & greases



**Fields of application**

- Liquid detergent for commercial use
- Suitable for all types of fabric
- Especially for low washing temperatures: 30 °C to 60 °C
- For all water hardness ranges

**Product advantages**

- Special combination of enzymes to remove all biological stains, such as protein, starch or grease
- Powerful surfactant system for optimum dirt removal
- Optimum effect due to special chelating agents
- Optical brighteners guarantee perfect whiteness
- Excellent dirt holding capacity so detached dirt does not build up on the fibres

- Protects against greying
- Especially kind to fabrics

**Application and dosage**

For manual and automatic dosing Buz® Laundry Enz 3 L 820 is added to the main wash in the recommended dosage shown below:

hardness range	mmol / l	°dH	ml / kg (dry laundry)
soft	up to 1,3	up to 7,3	10-15
average	1,3-2,5	7,3-14	10-20
hard	2,5-3,8	14-21,3	15-25
very hard	over 3,8	over 21,3	20-30

**Container**

- 10 liter canister / 20 liter canister

**BUZ® LAUNDRY SOFT L 830**

Fabric softener

pH 3,5

For perceptibly softer laundry



**Fields of application**

- Fabric softener for commercial use
- For softening all suitable textiles
- For all water hardness ranges
- Not suitable for functional textiles and microfibre

**Product advantages**

- Cuts costs by optimising the iron and mangle properties of the textiles
- Improves the feel of the textiles
- Anti-static effect on synthetic fibres
- Makes laundry soft and fragrant

**Application and dosage**

For manual and automatic dosing Buz® Laundry Soft L 830 is added to the final rinse in the recommended dosage shown below:

2 to 5 ml/kg dry laundry (depending on the water hardness)

**Container**

- 10 liter canister

**BUZ® LAUNDRY STRONG L 831**

Liquid detergent booster

pH 14

Removes even the most stubborn stains



**Fields of application**

- Detergent booster for commercial use
- For the following types of fabric: cotton, polyester, microfibre, viscose, polyamide, polypropylene
- For all washing temperatures: 30 °C to 95 °C
- For all water hardness ranges

**Product advantages**

- Optimum dirt removal capacity due to special chelating agents
- Clearly prevents detached dirt building up again on the fibres
- Improves the dirt holding capacity
- Special protection against greying

**Application and dosage**

For manual and automatic dosing Buz® Laundry Strong L 831 is added to the main wash in the recommended dosage shown below:

5 to 20 ml/kg dry laundry (depending on the water hardness and level of soiling)

**Container**

- 2 liter bottle / 20 liter canister

**BUZ® LAUNDRY BRIGHT L 832**

Liquid bleaching and disinfecting additive

pH 2

For hygienically clean laundry



**Fields of application**

- Thermochemical laundry disinfection for commercial use (washing temperature 60 °C)
- For disinfection of all white and colored, alkali resistant and bleachable textiles
- Not suitable for wool and polyamide or for washing laundry severely stained with blood

**Product advantages**

- Laundry disinfectant with excellent bleaching effect
- Fibre-friendly oxygen bleach
- Makes laundry dazzlingly clean and hygienic
- RKI (scope: AB)- and VAH-listed washing process in combination with Buz® Laundry Compact L 810

**Notice**

Use biocides safely. Always read the label and product information before use.

**Application and dosage**

For manual and automatic dosing Buz® Laundry Bright L 832 is added to the main wash in the recommended dosage shown below:

Bleaching laundry: 0,4 - 1 ml / l

Chemo-thermal disinfection:

	ml / l	float	Disinf.-Temp.	Exposure time
RKI	2	1:5	60 °C	10 min.
	6			
VAH	2	1:5	60 °C	10 min.
	2			

**Container**

- 20 liter canisters

**BATCHER**



As a supplement to our Laundry product series, we also offer a comprehensive service for dosing systems – from planning through installation to support.

Request a customised quotation – we'll be happy to help!

## QUESTIONS & ANSWERS

### **How do I wash my clothes correctly?**

When selecting the wash temperature and wash programmes always pay attention to the manufacturer's recommendation (see the document „wash symbols and tips“ for an explanation of the laundry symbols). This provides you with useful tips from the manufacturer, such as: “do not bleach”, especially for delicate textiles. When selecting your detergent you will find all the relevant information on the technical product data sheet. Do not overload the washer; leave sufficient space (a gap of about a hand width) so that the items are free to roll around the drum.

### **What is the advantage of liquid detergents compared to powder?**

buzil's liquid laundry detergents can be precisely dosed and can be combined with complementary products. Use Buzil® Laundry Strong for heavy soiling, Buzil® Laundry Soft if a softener is desired and complement this with Buzil® Laundry Bright, if there is need for a disinfectant effect. Compared to powder, there is no build up detergent residues on the laundered items when liquid detergents are used.

### **What does lime binding ability mean?**

Lime and soap scum result from water hardness and cause a grey film to form on the laundered items. Lime is bound by complexing agents, causing it to remain in the washing solution instead of depositing.

### **What is meant by dirt dispersing and anti-greying?**

This means that the dirt is held in the solution by the detergent preventing it from redepositing on the textiles.

### **What is the difference between optical brighteners and bleaches?**

Bleach reacts chemically with the dirt in order to discolour it. Optical brighteners only change the optical impression causing the textile to seem brighter. Brighteners are not used for stain removal but they prevent yellowing/yellow cast on white materials. Optical brighteners are generally gentler than bleach.

### **What are enzymes?**

Enzymes are biocatalysts. They dissolve enzyme relevant dirt particles such as starches, proteins and fats and help to remove them.

### **What are enzyme relevant soils?**

Enzyme relevant soils are substances which are dissolved by enzymes allowing them to be gently removed from the textile. These are starches (for example from foodstuffs such as noodles, rice, potato, etc.), proteins (for example from blood or milk products) and fats (from fat, oil, cosmetics, etc.).

### **Why is Buzil® Laundry Enz 3 particularly gentle on fabrics?**

The enzyme laundry detergent is less alkaline than heavy duty laundry detergents making it less stressful to textiles. Enzymes only attack the dirt and not the material. In addition, it washes well even with low temperatures so that the material needn't be exposed to unnecessary high temperatures.

### **Why is Buzil® Laundry Soft not suitable for microfibre and active wear?**

Softeners cause active wear textiles and microfibre to lose their functionality. This is due to the fabric softener depositing and blocking the tiny pores in microfibre textiles and in the membranes of the active wear. Microfibre no longer absorbs liquid as well after fabric softener has been used on it.

### **How does Buzil® Laundry Soft improve ironing features?**

As the name suggests fabric softeners soften the fibres. This reduces the amount of wrinkles on the fabric and allows for ironing with very low temperature and little steam or no steam at all.



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