



PerO₂

LAUNDRY

ENVIRONMENTALLY FRIENDLY
CHLORINE FREE COLOUR SAFE
BLEACHING AND BRIGHTENING AGENT

TECHNICAL BROCHURE

PEROX₂ LAUNDRY IS A HIGHLY EFFECTIVE POWDER FORMULATION DESIGNED FOR USE IN VARIOUS INDUSTRIES WITH A PRIMARY FOCUS ON LAUNDRY APPLICATIONS.

PEROX₂ LAUNDRY EFFECTIVELY COMBATS

BACTERIA

YEAST

MOULD

VIRUSES



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PerOx₂ Laundry's unique composition enables it to generate peracetic acid upon hydrolysis, making it a versatile solution for a range of cleaning needs. This write up will explore the features, advantages, and suggested usage of **PerOx₂ Laundry** in laundry processes.

KEY FEATURES

Antimicrobial Agent:

PerOx₂ Laundry serves as a potent antimicrobial agent, effectively combating bacteria, yeasts, moulds, and viruses. Its antimicrobial properties make it ideal for applications in various industries, including the food and healthcare sectors.

Environmentally Friendly Chlorine Free colour safe bleaching and brightening agent:

A standout feature of **PerOx₂ Laundry** is its role as a safe and environmentally friendly bleaching agent for industrial laundry. Unlike traditional bleach, **PerOx₂ Laundry** does not displace colour on coloured fabrics. It is particularly effective in removing stains, leaving white fabrics looking brighter without compromising their integrity.

Odour Removal:

The antimicrobial properties of **PerOx₂ Laundry** make it highly effective in eliminating odours, making it suitable for sportswear and other garments prone to developing unpleasant smells.

Importance in Laundry Processes:

Laundry is a critical process across various industries, including hospitality, healthcare, laboratories, food processing and general manufacturing. Optimising variables in the laundry process is essential, and **PerOx₂ Laundry** plays a crucial role in the bleaching and disinfection stage.

ADVANTAGES

Suitable for All Water Types:

PerOx₂ Laundry can be used in both soft and hard water, providing flexibility across different water conditions.

Low - Temperature Action:

Operates at low temperatures, reducing wear and tear on fabrics and extending their lifespan compared to alternatives like hydrogen peroxide.

Deodorising Capacity:

Acts as a strong antimicrobial agent, effectively deodorising clothes.

Sanitises at Low Temperatures:

PerOx₂ Laundry sanitises clothes even at low temperatures and in the presence of organic matter, making it resilient to protein residues.

Eco-Friendly Decomposition:

Decomposes into oxygen, water and acetic acid, further breaking down into CO₂. This environmentally friendly decomposition process sets it apart from alternatives like sodium hypochlorite.

Chlorine-Free Residual Effluents:

Does not generate chlorinated residual effluents, ensuring a cleaner and safer discharge compared to sodium hypochlorite.

Safe and Environmentally Friendly:

PerOx₂ Laundry is designed with safety and environmental sustainability in mind, providing a reliable and responsible solution for laundry needs.

PACKAGING & DOSING

PerOx₂ Laundry is conveniently packaged in 5kg plastic re-usable buckets with a plastic sleeve, accompanied by a scoop for easy and accurate dosing.

Suggested dosage rates are as follows:

0.4 grams per litre

Average front loader:

25grams per wash (one scoop)

Average top loader (13-18kg):

72 grams per wash (1-3 scoops, depending on load size)

In conclusion, **PerOx₂ Laundry** stands out as a versatile, environmentally friendly, and effective solution for laundry applications, offering numerous advantages over traditional bleach alternatives. Its ability to sanitise, bleach, and deodorise at low temperatures makes it a valuable asset in optimising laundry processes across diverse industries.



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