

Oxygen Bleach (Colour-Safe) 5L

Alle's ClinX Labs Oxygen Bleach (Colour-Safe) is a sodium percarbonate-based institutional stain treatment that delivers active oxygen stain removal on protein, organic, and food stains without chlorine chemistry. pH 10–11. Colour-safe. 10–20 gm per load. Effective in cold water. 5-litre institutional pack.

■ 1799 / 5 L

OVERVIEW

Chlorine bleach occupies an awkward position in institutional laundry management: it is chemically effective against the stains it targets, but its operational consequences — colour damage on mixed loads, progressive fibre degradation on repeated use, incompatibility with coloured uniforms, and the handling requirements of a strongly oxidising chemical — make it unsuitable as a routine stain treatment in most modern institutional laundry programmes.

KEY FEATURES

Active oxygen stain removal

sodium percarbonate releases hydrogen peroxide in water — breaks down protein, food, and organic stains through oxidation without the colour-destructive chemistry of chlorine bleach.

Colour-safe

non-chlorine formulation means no dye damage, no fabric degradation, and no colour stripping across mixed institutional linen loads containing coloured uniforms and patterned items.

pH 10–11 alkaline activation

optimises hydrogen peroxide release — effective stain treatment even in cold-water wash cycles without hot water activation.

10–20 gm per load

precise, low-dose stain treatment for institutional laundry cost control.

Pre-soak protocol

30–60 minute warm-water pre-soak capability for heavily stained items — blood, food contamination, and organic residues characteristic of healthcare and industrial laundry.

PRODUCT SPECIFICATIONS

Active system	Sodium percarbonate — active oxygen release bleaching
Active release	Hydrogen peroxide (H ₂ O ₂) in aqueous solution
pH	10.0–11.0 (alkaline activation)
Specific gravity	Powder — not applicable
Formulation type	Free-flowing powder concentrate
Appearance	White granular powder
Dose per load	10–20 gm
Effective temperature	30°C and above (increase dose for cold water)
Safe on	Coloured and white cotton, poly-cotton, synthetics, institutional linen
Avoid on	Silk, wool, cashmere, leather
PPE	Gloves recommended for powder handling
Shelf life	18 months from date of manufacture, in sealed container
Pack size	5 Litres (by volume) / 5 kg (by weight)
MSDS / TDS	Available on request
Material Safety Data Sheet	QR code on product label · Request at care@allesclinx.com
Technical Data Sheet (TDS)	Available on request — Alle's ClinX Labs trade desk

APPLICATION & USAGE

- Standard wash addition** add 10–20 gm to the washing machine drum with linen before the main wash cycle. Alternatively, add to the detergent compartment.
- Pre-soak** (heavily stained) dissolve 20 gm per 5 litres of warm water (40°C+). Soak stained items for 30–60 minutes before the standard wash cycle.
- Temperature** most effective above 30°C. For cold-water washing, increase dose to 20 gm or use warm pre-soak to initiate hydrogen peroxide release before the cold wash.

- Combination use** can be used alongside Alle's ClinX Labs Laundry Liquid Detergent in the same wash cycle for combined cleaning and stain treatment.
- Exclusions** do not use on silk, wool, or cashmere — use Alle's ClinX Labs Woollen Wash for these fabric types.

CAUTION & STORAGE

Oxidising agent. Keep away from combustible materials, reducing agents, and acids — contact with incompatible materials can cause fire or release of oxygen. Avoid inhalation of powder dust during dispensing — use in ventilated areas. In case of eye contact, rinse immediately with water for 15 minutes. Do not ingest. Keep out of reach of children. Store in original sealed container in a cool, dry location below 30°C, away from moisture, heat sources, and incompatible chemicals

CONTACT & DOCUMENTATION

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MSDS / TDS QR on label · available on request

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