

Transparent Toilet Cleaner 5L

Alle's ClinX Labs Transparent Toilet Cleaner is an HCl 33% w/w thick acidic gel engineered for institutional washroom descaling in healthcare facilities, industrial washroom blocks, and educational campuses. pH 1.5–2.0. Dye-free. Clings to vertical surfaces. 30 ml per bowl. 5-litre institutional pack.

■ 1389 / 5 L

OVERVIEW

Institutional washroom maintenance operates under a fundamental chemistry problem: the deposits that cause chronic staining, scale, and odour in high-use toilet facilities are calcium carbonate and uric acid compounds — both of which are chemically insoluble in neutral or alkaline cleaners. Increasing cleaning frequency with the wrong product produces no improvement.

KEY FEATURES

HCl 33% w/w

industrial-strength hydrochloric acid in a precision gel delivery system — the concentration used in professional descaling operations, accessible at institutional procurement scale.

pH 1.5–2.0

aggressive calcium carbonate and uric scale dissolution at a single 30 ml application — effective where weekly maintenance has failed to prevent chronic build-up.

Thick gel formulation

clings to under-rim and vertical bowl surfaces rather than draining immediately — contact time is where descaling happens, and the gel ensures that contact time.

Dye-free and transparent

no staining risk on grout, porcelain, or ceramic surrounds — visual application control that housekeeping supervisors can verify without specialist equipment.

Designed for high-use washrooms

healthcare, industrial, and educational toilet blocks where daily user volume makes standard maintenance cleaners insufficient.

PRODUCT SPECIFICATIONS

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| Active ingredient | Hydrochloric Acid (HCl) 33% w/w |
| Active class | Strong inorganic acid — descaling and disinfecting |
| pH | 1.5–2.0 (strongly acidic) |
| Specific gravity | 1.15–1.18 at 25°C |
| Formulation type | Thick gel — viscosity-modified for vertical surface adhesion |
| Appearance | Clear to slightly viscous transparent gel |
| Fragrance | Dye-free, no added fragrance |
| Dose per bowl | 30 ml |
| Contact time | 10–20 minutes depending on scale severity |
| Safe on | Ceramic toilet bowls, porcelain, vitreous china, urinals |
| Avoid on | Marble, granite, natural stone, stainless steel, acid-sensitive surfaces |
| Rinse after use | Flush thoroughly — mandatory |
| PPE | Gloves and eye protection mandatory. Never mix with bleach. |
| Shelf life | 24 months from date of manufacture, unopened |
| Pack size | 5 Litres |
| MSDS / TDS | QR code on label · Available on request |

APPLICATION & USAGE

- 1 Application** Squeeze approximately 30 ml under the toilet rim and across the bowl surface using the squeeze bottle applicator. Ensure product reaches under-rim deposits and waterline staining.
- 2 Contact time** Allow 10–15 minutes for standard limescale and waterline staining. Allow up to 20 minutes for heavy or long-standing scale deposits.
- 3 Agitation** Spread product using a toilet brush during contact time if required for under-rim coverage. Light scrubbing accelerates dissolution on heavy deposits.

- 4 Rinse** Flush thoroughly after contact time. The dissolution products are water-soluble — a complete flush removes all residue.
- 5 Frequency** Weekly application in standard-use washrooms prevents scale accumulation from becoming chronic. Increase to twice-weekly for very high-use facilities.

CAUTION & STORAGE

DANGER — strong acid. Contains Hydrochloric Acid 33% w/w. Never mix with bleach, ammonia, or alkaline cleaners — mixing with hypochlorite produces toxic chlorine gas. Causes severe eye and skin burns on contact with concentrate. Wear chemical-resistant gloves and eye protection at all times during application. Ensure adequate ventilation in enclosed washrooms. Keep out of reach of children. Store in original sealed container below 30°C, away from metals, alkaline materials, a

CONTACT & DOCUMENTATION

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MSDS / TDS QR on label · available on request

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