

Citric Bathroom Descaler - Alkaline

Alkaline pH 10–11 · Daily Bathroom Maintenance

KEY BENEFITS

— Alkaline pH 10–11	directly targets calcium stearate — the molecular structure of soap scum — dissolving it on contact without aggressive scrubbing in daily cleaning cycles.
— Ready-to-use formulation	eliminates dilution, measurement, and concentration errors by rotating housekeeping staff — consistent chemistry on every application, every shift.
— Lime fragrance	provides the immediate post-clean washroom freshness signal that is a compliance and reputation variable in healthcare, educational, and industrial facilities.
— 5-litre institutional bulk	fewer product change events per shift in high-frequency institutional cleaning schedules — reduced supply chain management overhead.
— Moderate soap scum build-up	apply generously and allow 5 minutes contact before scrubbing lightly with a non-scratch cleaning pad. Rinse with water.
— WC exterior surfaces	spray and wipe — no rinsing required for external fixture surfaces.

AT A GLANCE

pH	10.0–11.0 (alkaline)
Dilution	Ready to use — no dilution required
Fragrance	Lime — institutional washroom grade
Pack size	5 Litres
Shelf life	24 months from date of manufacture, unopened
Safe on	Ceramic tiles, porcelain, bathroom fixtures, sinks, shower trays, WC exteriors
Rinse after use	Rinse tiles and fixtures with water after application

HOW TO USE

- 1 Daily maintenance**
apply directly to tile surfaces, fixtures, sinks, and shower trays. Allow 2–3 minutes contact. Wipe with a cloth or mop. Rinse tiles and fixtures with water.
- 2 Moderate soap scum build-up**
apply generously and allow 5 minutes contact before scrubbing lightly with a non-scratch cleaning pad. Rinse with water.
- 3 WC exterior surfaces**
spray and wipe — no rinsing required for external fixture surfaces.
- 4 High-traffic washrooms**
increase application frequency in peak-use periods (morning and post-meal periods in educational and industrial facilities) to prevent accelerated build-up during high-use intervals.
- 5 Toilet bowl interior**
use Alle's ClinX Labs Transparent Toilet Cleaner (Thick Acidic) for interior bowl descaling — bathroom cleaner is not formulated for acid-requiring limescale in toilet bowls.

WHY IT WORKS

What is soap scum, and why does alkaline chemistry dissolve it when neutral cleaners cannot? Soap scum is calcium stearate — a compound formed when the calcium and magnesium ions in hard water react with the fatty acid components of soap, body wash, and shampoo products. The reaction is: calcium ions (Ca^{2+}) + stearate anions (from soap) → calcium stearate (insoluble precipitate). Calcium stearate is insoluble in water and forms the characteristic white, waxy film on tiles, shower surfaces, and bathroom fixtures. Its insolubility in water is the reason that rinsing with water alone — or cleaning with neutral products — does not remove it. Calcium stearate is, however, soluble in alkaline solutions. The mechanism is the reversal of the formation reaction: alkaline hydroxide ions (OH^-) react with calcium stearate to reform the original water-soluble stearate salt and displace the calcium ions back into solution. At pH 10–11, the hydroxide ion concentration is sufficient to drive this dissolution reaction during the contact time of a routine cleaning application — typically 2–5 minutes. The soap scum dissolves chemically, requiring only minimal mechanical wipe to remove the dissolved products. This chemistry explains the diagnostic observation that an alkaline bathroom cleaner requires significantly less scrubbing effort than a neutral one on soap-scum-affected surfaces: the alkaline product is chemically dissolving the deposit while the neutral product is mechanically attempting to dislodge it. On a freshly deposited, light layer of soap scum, the mechanical approach may succeed with effort. On chronic institutional build-up in high-use shower facilities, it does not — and the only effective remediation is the correct alkaline chemistry.

DID YOU KNOW

Fact Soap scum is calcium stearate — formed when the calcium in hard water reacts with fatty acids from soap and body products. It's chemically bonded to the tile surface, not just sitting on top. Alkaline cleaners at pH 10–11 re-dissolve calcium stearate by breaking the bond between calcium and the fatty acid chain. That's why an alkaline bathroom cleaner outperforms neutral alternatives on soap scum every time. The chemistry is targeting the exact molecular structure of the stain.

WHAT YOU GET FROM ONE PACK

5 litres ready to use.

500 spray applications. Every washroom. Every shift. A single 5-litre ready-to-use pack delivers approximately 500 spray applications at standard use. For a healthcare facility or educational institution with 30 washrooms cleaned twice daily, one pack lasts approximately 8–10 days of continuous maintenance programme deployment. The prevention economics versus periodic intervention: daily alkaline cleaning of 30 washrooms prevents the soap scum accumulation that would otherwise require bi-weekly heavy-duty treatment — a per-facility cost reduction that compounds across the annual cleaning budget. For industrial facilities with high-volume shift washrooms, the ready-to-use format eliminates the dilution error risk associated with concentrates in environments where multiple products are used and labelling confusion can lead to incorrect dilution ratios.

FULL PRODUCT SPECIFICATIONS

Formulation	Alkaline surfactant blend — bathroom and tile cleaner
pH	10.0–11.0 (alkaline)
Specific gravity	1.01–1.03 at 25°C
Formulation type	Ready to use
Appearance	Clear to slightly hazy liquid
Fragrance	Lime — institutional washroom grade
Dilution	Ready to use — no dilution required
Application	Spray or pour — cloth / mop / non-scratch pad
Safe on	Ceramic tiles, porcelain, bathroom fixtures, sinks, shower trays, WC exteriors
Avoid on	Toilet bowl interior (use Toilet Cleaner) · Natural marble and acid-sensitive stone
Rinse after use	Rinse tiles and fixtures with water after application
PPE	None at standard use
Shelf life	24 months from date of manufacture, unopened
Pack size	5 Litres
MSDS / TDS	QR code on label · Available on request

CAUTION & STORAGE

Handle with care.

For professional and institutional use. Alkaline formulation. Avoid contact with eyes and prolonged skin contact. In case of eye contact, rinse immediately with copious water for 15 minutes. Do not use on acid-sensitive natural stone such as marble or limestone — alkaline pH causes surface etching on calcium carbonate-based stone. Do not mix with acid-based cleaners. Keep out of reach of children. Store in original sealed container below 30°C, away from direct sunlight and heat sources. Keep container tightly closed when not in use. Shelf life 24 months from manufacture date, unopened.

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BEFORE YOU START — PPE REQUIRED

- ✓ Chemical-resistant gloves (nitrile)
- ✓ Safety goggles / eye protection

QUICK REFERENCE

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HAZARD ! MODERATE

DO

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- ✓ In case of eye contact, rinse immediately with copious water for 15 minutes.
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- ✓ Keep container tightly closed when not in use.

DON'T

- ✗ Avoid contact with eyes and prolonged skin contact.
- ✗ Do not use on acid-sensitive natural stone such as marble or limestone — alkaline pH causes surface etching on calcium carbonate-based stone.
- ✗ Do not mix with acid-based cleaners.
- ✗ Keep out of reach of children.

Emergency / questions: care@allesclinx.com · allesclinx.com · National Poison Control (India): 1800-116-117