

Glass Cleaner Concentrate

Fast-Evaporating Solvent System · Fast-Evaporating Solvent System · with Neutral pH Concentrate, 1:45 Dilution

KEY BENEFITS

— Fast-evaporating solvent system	physically pulls surfactant residue off the glass surface as it evaporates — the streak cannot form because the chemistry is designed to leave nothing behind.
— Neutral pH	safe on all standard glass, mirror, chrome fixture, and acrylic panel surfaces without surface chemistry risk.
— 45 ml per litre dilution	one 5L concentrate fills 110+ litres of working solution — a 70–80% cost reduction versus equivalent ready-to-use products at institutional volume.
— Single-pass clean	consistent streak-free results regardless of operator experience level — critical in institutional environments with rotating housekeeping teams.
— Automated equipment compatible	suitable for spray application, microfibre wipe systems, and automated window-cleaning equipment deployed in multi-storey institutional buildings.
— Preparation	Dilute 45 ml of concentrate per litre of clean water in a spray bottle.

AT A GLANCE

pH	6.5–7.5 (neutral)
Dilution	45 ml per litre of water
Fragrance	Neutral — no added fragrance
Pack size	5 Litres concentrate
Shelf life	24 months from date of manufacture, unopened
Safe on	Glass, mirrors, chrome fixtures, acrylic panels, glazed tiles
Rinse after use	Not required

HOW TO USE

- 1 Preparation**
Dilute 45 ml of concentrate per litre of clean water in a spray bottle.
- 2 Application**
Spray lightly and evenly onto the glass surface from 20–30 cm distance. Do not over-wet.
- 3 Wiping**
Wipe with a clean, lint-free microfibre cloth using overlapping strokes working top to bottom. No buffing or second pass required.
- 4 Cloth management**
Change microfibre cloth when visibly soiled — redeposition from a dirty cloth is the most common cause of streaking in field conditions.
- 5 Large panes**
Work in sections on large glass areas to prevent the solution from drying before wiping. Complete each section before moving to the next.

WHY IT WORKS

Why do glass cleaners streak, and how does solvent-to-water ratio solve the problem? Glass cleaning streaks are not caused by dirt — they are caused by the residual surfactant film left on the glass surface when the water carrier evaporates before wiping is complete. When a surfactant-in-water solution is applied to glass and the water evaporates faster than the operator can wipe, the surfactant compounds concentrate at the evaporation boundary and deposit as a thin, optically visible film. This is the streak. The solution is not removing the surfactant — it is controlling the evaporation sequence. A fast-evaporating organic solvent added to the formulation at a precise ratio evaporates from the glass surface more rapidly than water while physically carrying the surfactant molecules with it in solution. As the solvent front recedes, it takes the surfactant with it rather than leaving it deposited on the glass. The glass surface is left clean and dry before optical deposition can occur. The ratio is critical: too little solvent and the water evaporation dominates, leaving surfactant residue. Too much solvent and the formulation evaporates before it has performed the cleaning function. The 45 ml per litre dilution of this concentrate is calibrated to deliver the correct solvent-to-water ratio in working solution — a ratio that produces streak-free results across standard institutional glass cleaning speeds and ambient temperatures. This is why industrial-grade glass cleaners outperform consumer spray products on large glass surfaces: the formulation engineering is more precise.

DID YOU KNOW

Fact Most streaks on glass aren't from dirt — they're from the thin surfactant film left behind when a cleaner doesn't evaporate fast enough before wiping. The solvent-to-water ratio in the formulation is precision-engineered. Getting it wrong by 5% produces streaks on every surface, every time. Getting it right means one wipe and done.

WHAT YOU GET FROM ONE PACK

45 ml per litre.

One 5-litre pack. 110 litres of working solution. 220 spray bottles filled. At 45 ml per litre, a single 5L concentrate fills over 110 litres of working glass cleaner — enough to refill a 500 ml spray bottle 220 times. For a hospital or educational campus with 200 glass surfaces cleaned daily, one pack covers approximately 3 weeks of full-facility glass maintenance. Versus ready-to-use glass cleaner at equivalent volume, the concentrate format delivers a 70–80% reduction in per-litre cost and a 95% reduction in packaging volume.

FULL PRODUCT SPECIFICATIONS

Active system	Solvent + surfactant blend — fast-evaporating glass formulation
pH	6.5–7.5 (neutral)
Specific gravity	0.98–1.01 at 25°C
Formulation type	Solvent-aqueous concentrate
Appearance	Clear, water-white liquid
Fragrance	Neutral — no added fragrance
Dilution	45 ml per litre of water
Application	Spray bottle + microfibre cloth / automated window equipment
Safe on	Glass, mirrors, chrome fixtures, acrylic panels, glazed tiles
Avoid on	Anti-reflective optical coatings — test first
Rinse after use	Not required
PPE	None
Shelf life	24 months from date of manufacture, unopened
Pack size	5 Litres concentrate
MSDS / TDS	QR code on label · Available on request

CAUTION & STORAGE

Handle with care.

For professional and institutional use. Contains organic solvents. Keep away from open flames and ignition sources during use. Ensure adequate ventilation in enclosed spaces during application. Avoid prolonged inhalation of spray mist in poorly ventilated areas. In case of eye contact, rinse immediately with water. Keep out of reach of children. Store in original sealed container below 30°C, away from direct sunlight and heat sources. Keep away from flammable materials. Container should be kept tightly closed when not in use — solvent components are volatile. Shelf life 24 months from manufacture date, unopened.

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BEFORE YOU START — PPE REQUIRED

- ✓ Disposable gloves (recommended)
- ✓ Work in ventilated area

QUICK REFERENCE

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HAZARD i LOW

DO

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- ✓ In case of eye contact, rinse immediately with water.
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DON'T

- ✗ Avoid prolonged inhalation of spray mist in poorly ventilated areas.
- ✗ Keep out of reach of children.

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