

Dishwash Concentrate 5L

Alle's ClinX Labs Liquid Dishwash Concentrate (Raw Lime) is an alkaline anionic concentrate formulated for high-volume institutional kitchen operations. pH 9–11. 1:4 dilution. Controlled low foam. Effective in hard water. 5-litre institutional concentrate.

■ 1099 / 5 L

OVERVIEW

An institutional kitchen's dishwashing operation is measured in three numbers: rewash rate, labour time per cover, and chemical cost per cycle. Everything else is secondary.

KEY FEATURES

Alkaline pH 9–11

triggers saponification of fats and oils before scrubbing begins — the chemistry reduces labour time per cover in high-volume kitchen operations.

Anionic + non-ionic surfactant blend

rapid grease emulsification across cookware, crockery, utensils, and serving equipment regardless of food type or soil level.

1:4 dilution — one 5L yields 20 litres

precise, auditable dosing for institutional kitchen cost management and procurement planning.

Controlled low-foam profile

compatible with machine-assisted washing operations without overflow or additional antifoam additive requirement.

Hard water stable

maintains full surfactant performance in facilities supplied with water above 500 ppm TDS — the standard across most Indian cities.

PRODUCT SPECIFICATIONS

Active system	Anionic + non-ionic surfactant blend with alkaline builder
pH	9.0–11.0 (alkaline)
Specific gravity	1.03–1.06 at 25°C
Formulation type	Aqueous concentrate
Appearance	Clear to slightly hazy amber liquid
Fragrance	Raw lime
Dilution	250 ml per litre of water (1:4)

APPLICATION & USAGE

- Dilution** Add 250 ml of concentrate to 1 litre of water (1:4 ratio) in a wash basin or machine reservoir.
- Manual washing** For heavily soiled items, soak for 2–3 minutes before scrubbing. Rinse all utensils thoroughly with clean running water.
- Machine-assisted** Follow equipment manufacturer dosing guidelines. Verify foam compatibility with equipment specifications before deployment.

- Solution management** Replace working solution when visibly contaminated. Do not add concentrate to old, greasy wash water — prepare fresh solution for each session.
- Hard water adjustment** In facilities with very high TDS (above 800 ppm), increase concentration slightly or use a water softener pre-treatment for optimal performance.

CAUTION & STORAGE

Alkaline concentrate. Avoid prolonged contact with skin and eyes. In case of eye contact, rinse immediately with copious clean water for 15 minutes. Do not ingest. Keep out of reach of children. Not suitable for use on anodised aluminium surfaces — extended contact causes surface degradation. Store in original sealed container below 30°C, away from direct sunlight and incompatible materials. Keep container closed when not in use. Do not store in metal containers. Shelf life 2

CONTACT & DOCUMENTATION

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MSDS / TDS QR on label · available on request

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