

Floor Disinfectant Concentrate (BKC) 5L

Alle's ClinX Labs Floor Disinfectant (Lime – BKC) is a Benzalkonium Chloride 0.5% w/w quaternary ammonium concentrate engineered for continuous-occupancy institutional environments. Broad-spectrum antimicrobial action. No harsh odour. No rinsing required. pH 8–10. 5-litre concentrate.

■ 1350 / 5 L

OVERVIEW

The standard institutional disinfectant was designed for empty spaces. Apply, evacuate, ventilate, reoccupy.

KEY FEATURES

BKC 0.5% w/w

quaternary ammonium antimicrobial — the active class used in surgical scrubs, pharmaceutical disinfection, and medical device sterilisation, deployed at institutional floor scale.

Occupied-space compatible

lime fragrance replaces chemical odour entirely — suitable for active hospital wards, school classrooms, and industrial food-prep areas without disrupting occupancy.

pH 8–10

near-neutral to mildly alkaline — compatible with a wider range of floor substrates than strongly alkaline alternatives and safe under repeated daily use.

No rinsing required

working solution deposits a thin antimicrobial film on the floor surface during air-drying, extending residual efficacy between mop passes.

NABH and JCI housekeeping protocol compatible

formulated to meet the chemical specification requirements of accredited healthcare facility environments.

PRODUCT SPECIFICATIONS

Active ingredient	Benzalkonium Chloride (BKC) 0.5% w/w
Active class	Quaternary ammonium compound (QAC) — cationic surfactant
pH	8.0–10.0 (near-neutral to mildly alkaline)
Specific gravity	1.01–1.03 at 25°C
Formulation type	Aqueous concentrate
Appearance	Clear to slightly opalescent liquid
Fragrance	Lime — calibrated for continuous-occupancy environments
Dilution — standard	25 ml per litre of water (1:40)
Dilution — heavy soil	45 ml per litre of water (1:22)

APPLICATION & USAGE

1 Preparation Fill a clean mop bucket with the required volume of water. Add concentrate after water.

2 Standard dilution 25 ml per litre of water for routine daily cleaning of occupied institutional floors.

3 Heavy-soil dilution 45 ml per litre for high-risk zones, post-incident cleaning, or areas with elevated contamination load.

4 Application Apply with cotton or microfibre mop using overlapping strokes. Do not mix working solution with anionic detergent — this neutralises BKC efficacy through ion exchange.

5 Dwell & dry Allow to air-dry. No rinsing required. Working solution effective for up to 4 hours in a sealed bucket. Replace when contaminated.

CAUTION & STORAGE

Do not mix with anionic detergents, soaps, or incompatible cleaning chemicals — mixing neutralises BKC efficacy and may cause formulation instability. Avoid contact with eyes and prolonged skin exposure to concentrate. In case of eye contact, rinse immediately with copious clean water for 15 minutes and seek medical advice. Keep out of reach of children. Store in original sealed container below 30°C, away from direct sunlight and heat sources. Do not store near food, feed, or

CONTACT & DOCUMENTATION

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MSDS / TDS QR on label · available on request

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