INTRODUCES
NPH 250 DISINFECTANT

NEUTRAL pH SODIUM HYPOCHLORITE SOLUTION

ON DEMAND HEALTHCARE

Here’s how it works.

PCS 250 and Neutralizer solution are each diluted with tap water through the NPH Dispenser. The two products combine to create NPH 250 Disinfectant.

NPH Patent pending dispenser.

Benefits of Neutral pH Sodium Hypochlorite 250 Disinfecting Solution

- Validated cleaning and disinfection process
- Quantitative Carrier Test (QCT3). PCS 250 QCT-3 Study Assessment of the combined activity of wiping & disinfection
- Cleaning and disinfection process follows recommendations from public health Netherlands
- "Residual viral and bacterial contamination of surfaces after cleaning and disinfection"
- Disinfectant contact time maximum 5 minutes QCT-3 “At the end of wiping, the surfaces were left to air dry under BSC for not more than 5 minutes before transferring each disk to the neutralizer”
- Non-irritating to skin and eyes
- Non-sensitizing
- Considered 40-60 times more effective than bleach
- Low odour
- 60 - 90 day shelf life (once blended)
- Rapidly oxidizes organic soils
- Non-corrosive
- Eliminates the need for costly on site generating equipment to convert to Neutral PH Sodium Hypochlorite Solution
- Certified by Envirodesic, for use in buildings housing chemically sensitive individuals

Sodium Hypochlorite Solution converts 50% of the Hypochlorite to Hypochlorous acid when pH is adjusted to neutral.

PCS 250 CONCENTRATED OXIDIZING DISINFECTANT/ DISINFECTANT CLEANER

PCS Neutralizing Solution

Sodium Hypochlorite (OCI^-)

Hypochlorous Acid (HOCl)

Cl2

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

% Active Chlorine

NEUTRAL

50/50

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The first platform received 10 μL of hypochlorous acid or accelerated H2O2. The next step was to eluent/neutralizer (Fig. 2). The eluates were assayed for MNV plaque-forming units (PFU) and percentage reactivity. Any method that included wiping the surrogate MNV strain S99; Strain S99. The test protocol yielded reproducible data while evaluating the efficacy of different cleaning and disinfection methods against specific pathogens.

The method described here is fully quantitative while testing for MNV and other relevant pathogens. It can also be applied to train personnel in optimal means of decontamination, as well as to assess HITES decontamination in a relevant and field-relevant context. The test protocol yielded reproducible data while evaluating the efficacy of different cleaning and disinfection methods against specific pathogens. The method described here is fully quantitative while testing for MNV and other relevant pathogens. It can also be applied to train personnel in optimal means of decontamination, as well as to assess HITES decontamination in a relevant and field-relevant context.