



PCS NEUTRAL PH READY-TO-USE OXIDIZING DISINFECTANT CLEANERS.

Ready to use oxidizing disinfectants containing sodium hypochlorite usually have a high pH of 12 to 12.5 and hydrogen peroxide ready to use disinfectants usually have a low pH in the range of 2 to 3.

Oxidizing disinfectants are widely accepted as the disinfectant of choice in health care facilities. Oxidizing disinfectants deposit residues on surfaces and when they have a very high pH of 12 to 12.5 or very low pH of 2 to 3 their residues should be removed to reduce the damage caused with prolonged use.

PH SCALE													
Acidic					Neutral				Alkali				
1	2	3	4	5	6	7	8	9	10	11	12	13	14

PH 6 is 10 times more acidic than 7

PH 8 is 10 times more alkaline than 7

PH 5 is 100 times more acetic than 7

PH 9 is 100 times more alkaline than 7

PH 4 is 1000 times more acetic than 7

PH 10 is 1000 times more alkaline than 7

PH 3 is 10,000 times more acetic than 7

PH 11 is 10,000 times more alkaline than 7

PH 2 is 100,000 times more acetic than 7

PH 12 is 100,000 times more alkaline than 7

PH 1 is 1,000,000 times more acetic than 7

PH 13 is 1,000,000 times more alkaline than 7

Occupational exposures to high pH and low pH oxidizing disinfectants may have contributed to the reports of increased risk of staff and building occupants acquiring COPD and Thyroid cancer from exposure to biocides.

Health care facilities should review the need for widespread use of Hi or Low pH Oxidizing disinfectants. Neutral PH sodium hypochlorite's are safe non irritating to skin and eyes in low concentrations.

At a neutral pH an equilibrium of approximately 50% hypochlorous acid and 50% sodium hypochlorite form.

PCS NPH Neutral pH sodium hypochlorite solutions are certified by the Envirosedes certification program for use in buildings housing chemically sensitive individuals. NPH products received Top Innovations of the Year – 2017 From Infection Control Tips.

Thank you for taking the time to review linked information.

www.processcleaningsolutions.com
Toll Free: 877.745.7277

NEUTRAL PH PCS 250 OXIDIZING DISINFECTANT/DISINFECTANT CLEANER.

DIN Number: 02314843

Active Ingredient 0.025% Neutral pH sodium hypochlorite

#5908NPC-6 • 946 mL x 6/cs.

NEUTRAL PH PCS 250 OXIDIZING DISINFECTANT/DISINFECTANT CLEANER WIPER KIT

#5985-6

6 packages per case each containing 1 canister with 70 wipes 17.8 x 30.5 cm and 1 500 mL container of Neutral pH PCS 250 Oxidizing Disinfectant/Disinfectant Cleaner.

NEUTRAL PH PCS 1000 OXIDIZING DISINFECTANT/DISINFECTANT CLEANER

DIN : 02314851

Active Ingredient 0.1% Neutral pH sodium hypochlorite

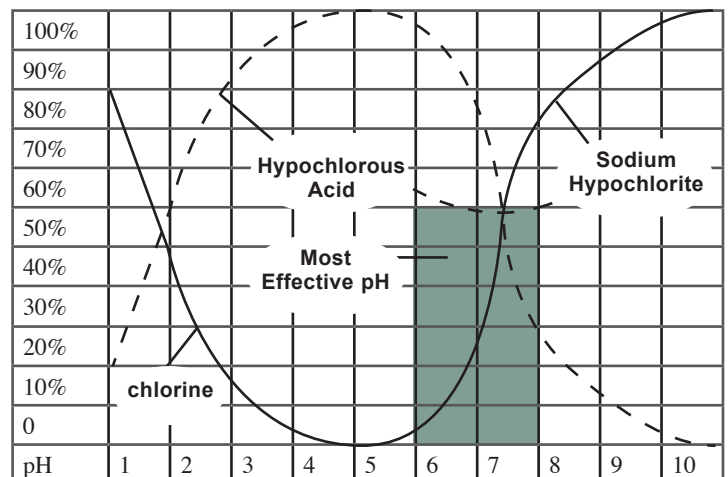
#5906-6 • 946 mL x 6/cs.

NEUTRAL PH PCS 1000 OXIDIZING DISINFECTANT/DISINFECTANT CLEANER WIPER KIT

#5986-6

6 packages per case each containing 1 canister with 70 wipes 17.8 x 30.5 cm and 1 500 mL container of Neutral pH PCS 1000 Oxidizing Disinfectant/Disinfectant Cleaner.

Sodium hypochlorite solutions convert 50 % of the hypochlorite to hypochlorous acid when pH is adjusted to neutral.



Below pH 2 the equilibrium favors chlorine. Between pH 2 and 7.4 hypochlorous acid predominates and above pH 7.4 hypochlorite predominates.

CLEANING TO A SCIENTIFICALLY VALIDATED STANDARD.
MAXIMIZE PHYSICAL REMOVAL BY WIPING AND USE THE MINIMUM AMOUNT
OF CHEMICAL TO PROTECT PUBLIC HEALTH AND THE ENVIRONMENT

[PCS HYPOCHLOROUS ACID/SODIUM HYPOCHLORITE CLEANING WITH A NEUTRAL PH TO PROTECT PUBLIC HEALTH.](#)

[NEXT GENERATION OF CLEANING, SANITIZING AND DISINFECTION - PCS NPH PROGRAM](#)

[ENVIRODESIC CERTIFICATE- PCS NPH PRODUCTS AND MICROFIBRE WIPING PROCESS](#)

[NORO SCIENCE BASED GUIDELINES NETHERLANDS](#)

[QCT-3 - A PRELIMINARY FIELD-RELEVANT TEST TO ASSESS DECONTAMINATION OF HIGH-TOUCH ENVIRONMENTAL SURFACES: TESTING WITH STAPHYLOCOCCUS AUREUS](#)

[PCS 250 QCT-3 STUDY - ASSESSMENT OF THE COMBINED ACTIVITY OF WIPING AND DISINFECTION FOR DECONTAMINATING HARD, NONPOROUS ENVIRONMENTAL SURFACES: TESTING WITH HEALTHCARE-ASSOCIATED PATHOGENS](#)

[PCS 7000, 1000 & SALINE T80 QCT-3 STUDY - ASSESSMENT OF THE COMBINED ACTIVITY OF WIPING AND DISINFECTION FOR DECONTAMINATING HARD, NONPOROUS ENVIRONMENTAL SURFACES: TESTING WITH HEALTHCARE-ASSOCIATED PATHOGENS](#)

[PCS 250 WITH MICROFIBER CLOTH, HYDROGEN PEROXIDE-BASED WIPES, SALINE T80 WITH MICROFIBER CLOTH QCT-3 STUDY - ASSESSMENT OF THE COMBINED ACTIVITY OF WIPING AND DISINFECTION FOR DECONTAMINATING HARD, NONPOROUS ENVIRONMENTAL SURFACES USING THE MURINE NOROVIRUS \(MNV\)](#)