



- Oxidizing cleaner
- Oxidizing hospital grade disinfectant
- Oxidizing broad spectrum virucide
- Active Ingredient  
 Sodium Hypochlorite - 0.13% w/w when packed  
 Hypochlorous Acid - 0.01% w/w when packed

**What does Oxidizing Cleaning mean?**

When cleaning with PCS 1000 Plus Oxidizing Disinfectant Cleaner we not only remove soils, we oxidize organic soils which include bacteria, viruses and even bacterial spores. The oxidation cleaning process removes and oxidizes organic soils, reducing the number of viable pathogens on surfaces. PCS believes in the science of combining physical removal and oxidation to prevent inadvertent transfer or spreading of germs. Please follow PCS 1000 Plus label cleaning instructions.

**Health Canada:**

**“Disinfectants, household cleaners, and bleach are meant to be used to clean surfaces “**

**What does Oxidizing Hospital Grade Disinfectant mean?**

*Health Canada: “Hospital disinfectant: A substance, or mixture of substances, capable of destroying both gram-positive bacteria and gram-negative bacteria present on non-critical medical devices, environmental surfaces and inanimate objects, and that is represented for use in hospitals, medical clinics, dental offices or any other healthcare related facility.”* In order to claim hospital grade disinfectant, a product must pass AOAC use dilution test on both gram-positive *Staphylococcus aureus* and gram-negative bacteria *Pseudomonas aeruginosa*. Being registered with Health Canada on these two bacteria provides evidence the product is likely effective against most vegetative bacteria and meets their requirement as a hospital grade disinfectant. PCS believes additional vegetative bacteria claims on the label provide little additional assurance over hospital grade disinfectant label claims.

**What does Oxidizing broad spectrum virucide mean?**

*Health Canada: “Broad spectrum virucide: A substance, or mixture of substances, capable of destroying or irreversibly inactivating at a minimum, one representative hard to kill non-enveloped virus, and which is expected to inactivate other enveloped and non-enveloped viruses present on environmental surfaces and inanimate objects.”*

**PCS 1000 Plus Oxidizing Disinfectant Cleaner**

Kills, inactivates Human Coronavirus, and Adenovirus Type 5 one of the non-enveloped viruses accepted by Health Canada, in order to make a broad spectrum virucide claim. Broad spectrum virucides are expected to be effective against harder to inactivate non-enveloped viruses like Norovirus.

**Active Ingredients**

Sodium Hypochlorite - 0.13% w/w when packed  
 Hypochlorous Acid - 0.01% w/w when packed

PCS 1000 Plus Oxidizing Disinfectant Cleaner contains a combination of hypochlorous acid and sodium hypochlorite that oxidize organic soils, then decompose upon drying, leaving no residual disinfectant on surfaces. PCS 1000 Plus forms an equilibrium of hypochlorous acid and sodium hypochlorite. The sodium hypochlorite provides disinfecting, cleaning and stability, the hypochlorous acid buffered pH in addition provides a milder category four solution meaning the label requires no CAUTION, WARNING or IRRITANT cautionary statements. The active ingredients concentrations comply with Public Health Agency of Canada guidelines for long term care and acute care for cleaning *C. difficile*. The active ingredients concentrations also comply with the US CDC and most public health departments recommendations for controlling Norovirus outbreaks.

**PCS believes in full ingredient disclosure.**

In addition to the active ingredients, PCS 1000 Plus also contains the following non-active ingredients at a total concentration of less than 0.1 %. Non-active ingredient list: Sodium Bicarbonate, Sodium Carbonate, Sodium Chloride, Acetic Acid and Sodium Hydroxide.