

## TECHNICAL BULLETIN

### 0.25% Sodium Hypochlorite Solution

Meets recommendations from Health Canada and CDC (USA) for disinfection of hard surfaces

#### 1) PRODUCT DESCRIPTION

Typical applications:

- Kills bacteria, fungi and viruses.
- Effective on Coronavirus (SARS CoV and HCoV 229E).

Compatible surfaces:

- Metals
- Plastics
- Painted surfaces
- Fabrics
- Wood
- Glass
- Concrete and bricks
- Stone
- **Examples: floors, doorknobs, sinks, toilets, switches, etc...**

#### 2) BENEFITS

- Ready to use solution
- Made with deionized water.
- Biodegradable

#### 3) PHYSICAL PROPERTIES

Physical appearance.....	Translucid liquid
Odor.....	Chlorine
Specific Gravity (Water = 1) .....	1.00
pH.....	11.0 – 13.0

#### 4) DIRECTIONS FOR USE

1. Clean the surface with detergent / degreaser and let it dry.
2. Apply the 0.25% Sodium Hypochlorite on the surface.
3. Leave the product on the surface for 5 to 10 minutes.
4. Rinse the surface with clean water to avoid corrosion.

**Precautions:**

- Rinse metal surfaces properly after using the product.
- Do not mix with other chemical products (Ammonia).
- Only use in well ventilated areas.

**5) PERSONAL PROTECTION****Safety equipment:**

- Splash goggles, safety glasses or face shield.
- Rubber apron and/or long sleeves (for large volume / industrial applications)
- Chemical resistant gloves.
- Boots.

**6) STORAGE**

- Controlled temperature between 0°C and 30°C. (32°F and 86°F).
- Store in closed and opaque containers away from day light.
- The shelf life of the product has been determined to be three (3) years.

**7) PACKAGING**

The **0.25% Sodium Hypochlorite** is available in:

- Pails (18.9 L – 5 U.S. Gal.)
- Drums (205 L – 55 U.S. Gal.)
- Totes (1000 L – 265 U.S. Gal.)

**Version:** 1  
**Last Update:** March 2020