

# CHECKLIST FOR SAFE HANDLING AND PREPARATION OF A HOMEMADE HYDROGEN PEROXIDE AND WATER BASED SPRAY



## PPE Recommendations:

- Clean protective eyewear, gloves recommended

*\*Staff education point for PPE: Hydrogen peroxide is not a systematic poison, however contact with hydrogen peroxide can be irritating. Concentrated vapors may cause discomfort in the mucous membranes (nose, eyes, mouth). Contact with the eyes of undiluted hydrogen peroxide is particularly dangerous due to potential corneal burns that can occur rapidly. Therefore, safety glasses/goggles should always be worn when handling concentrated hydrogen peroxide.*

## First Aid Attendant:

- if any hydrogen peroxide does get in the eyes, flush eyes thoroughly with water and consult a Physician promptly.

## Preparation Instructions:

-Ensure a well-ventilated area is available to mix the products.

- Never mix with other chemical products.

- Products required:

- clean spray bottle(s), funnel, measuring device for fluid levels.

- Ensure proper hand hygiene prior to placement of safety glasses/goggles. Place goggles on immediately after cleaning hands. Apply gloves.

- To prepare diluted hydrogen peroxide for a solution to disinfect high-touch hard surfaces, do so according to instructions on the label or in a ratio of:

- 250 mL (1 cup) of water per 75mL (1/3rd cup) of hydrogen peroxide,

or,

- 1000mL (1 litre of water = 4 cups) per 300 mL of hydrogen peroxide.

Disinfectants, household cleaners, and hydrogen peroxide are meant to be used to disinfect surfaces.

**NEVER USE THESE PRODUCTS ON THE SKIN OR INTERNALLY** (e.g. by swallowing or injecting these products) as this could cause serious harm.