



## **Disposal Guidelines for Accelerated Hydrogen Peroxide-Based Instrument Disinfectants and Cleaners**

*This document has been developed in accordance with current applicable waste disposal regulations. It is intended for use as a guideline on best disposal practices for Virox Technologies Inc. products (5 Gallons or less) only. At no time should this document replace existing documents established by the facility, municipal, or provincial bodies.*

The overall goal of this guideline is to dispose of the solution in a manner that would abide by provincial disposal regulations and occupational health and safety regulations.

### **REFERENCES**

1. Environmental Protection Act EPA (P.R.O. 1990, Regulation 347, General-Waste management)
2. Workplace Hazardous Materials Information System (WHMIS)
3. Hazardous Products Act (Controlled Products Regulations)
4. Hazardous Products Act (Chapter H-3)
5. A Resource Guide to Pollution Prevention in the Health Care Sector - 2001

### **PROTECTIVE BARRIERS**

1. Disposable gloves. Gloves should be changed as required, i.e., when torn, when hands become wet inside the glove or when moving between patient rooms.
2. Protective Eye wear (goggles, face shield or mask with eye protection) should be worn.
3. Respirator (N95 or Charcoal) should be worn is disposing of large volumes of the concentrate products.

### **STABILIZED HYDROGEN PEROXIDE INSTRUMENT CLEANER**

**Stabilized Hydrogen Peroxide Surface Disinfectant Cleaner (sold as 3% Accel Wash Concentrate, and 3% OPTIM 28 Concentrate)**

1. Turn on cold water tap.
2. Pour the solution down drain with water running.
3. Allow the tap water to run for 3 minutes.

### **ACCELERATED HYDROGEN PEROXIDE INSTRUMENT DISINFECTANT CLEANER CONCENTRATE**

**Accelerated Hydrogen Peroxide Hydrotherapy Tub Disinfectant (sold as 7% Accel KDS Concentrate)**

1. Turn on cold water tap.
2. Pour the solution down the drain with water running.
3. Allow the tap water to run for 5 minutes.



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### 2% ACCELERATED HYDROGEN PEROXIDE HIGH LEVEL DISINFECTANT

**Accelerated Hydrogen Peroxide High Level Disinfectant (sold as PREvention and RESERT HLD )**

1. Dilute the product at a ratio of 1:10 with tap water (ambient temperature).
2. Turn on cold water tap.
3. Pour the solution down the drain with water running.
4. Allow the tap water to run for 3 minutes.

Alternatively, for facilities with access to pH indicator/pH measuring unit:

1. Adjust the pH to between 6 and 8 using common baking soda (approximately 16g or 1.5 Tablespoons per litre).
2. Pour the solution down drain.
3. Allow tap water to run for 1 minute.

### 7% ACCELERATED HYDROGEN PEROXIDE CHEMOSTERILANT

**Accelerated Hydrogen Peroxide Chemosterilant (sold as Accel CS 20 and OPTIM CS)**

5. Dilute the product at a ratio of 1:10 with tap water (ambient temperature).
6. Turn on cold water tap.
7. Pour the solution down the drain with water running.
8. Allow the tap water to run for 3 minutes.

Alternatively, for facilities with access to pH indicator/pH measuring unit:

4. Adjust the pH to between 6 and 8 using common baking soda (approximately 32g or 2.5 Tablespoons per litre).
5. Pour the solution down drain.
6. Allow tap water to run for 1 minute.

### DILUTION TABLE

| Ratio | Metric                  | US Gallons              |
|-------|-------------------------|-------------------------|
| 1:10  | 100 mL to 1 Litre water | 14 oz to 1 Gallon water |
| 1:64  | 16 mL to 1 Litre water  | 2 oz to 1 Gallon water  |

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