

Alternate Cleaning Procedures:

**Ashing Glassware;**

Ashing glassware reduces all organic compounds to a mineral & carbon ash. To ash, place suitable ware in an oven set at 842°F (450°C) for at least 3 hours. Allow ware to cool, rinse & clean as per stated in the Bellco's General Cleaning Procedures or follow your cleaning protocols.

**Chromic Acid Wash:**

**Follow all normal safety precautions when using concentrated acid solutions.**

**Acids can severely burn the skin. Dispose all acids properly.**

A chromic acid wash has hydrolytic & oxidative capabilities for the chemical decomposition of biological molecules. The acid may also help dissolve mineral deposits.

To prepare a chromic acid wash mix 20 g of Sodium or Potassium Chromate with sufficient distilled H<sub>2</sub>O to make a paste of the chromate salt. Add 300mL of concentrated Sulfuric Acid. Make larger amounts by increasing the proportions. Use the mixture until it turns green in color.

Soak heavily soiled items. The length of time depends on how soiled the item is. For heavily soiled items it may be necessary to let soak overnight.