



a place of mind

Date: July 25, 2011

Revision Date:

May 25, 2012

Department of Chemical and Biological Engineering

Policy for the Disposal of Laboratory Glass Waste in CHBE

### Disposal of Laboratory Glass Waste in CHBE

#### **Procedure**

Glass waste is to be disposed of using Approved Glass waste containers: white five gallon plastic pails lined with a clear 6 mil plastic bag. Waste container is to be clearly labeled as "**Glass Waste Only**". Plastic pails and bags are available from CHBE Stores, room 176.

Disposal of **uncontaminated** glass waste can be treated as regular glass waste and disposed of below.

**Contaminated** glass waste is to be decontaminated first by rinsing glass container with bleach followed by triple rinsing with water after which the glass container can be treated as regular glass waste and disposed of below.

#### **Disposal of glass waste:**

1. Decontaminate as required.
2. Clean completely of residues, including organic vapors and chemicals.
  - a. Leave bottles of organic solvents in a fume hood for at least a day<sup>1</sup>.
  - b. Rinse other reagent bottles well with cold water.
3. Remove all bottle caps.
4. Remove or deface all labels and hazard warnings.
5. Place in Glass Waste containers<sup>2</sup>.
6. Once glass waste container is full, tie bag closed, and close container with lid.
7. Attach a label to the container indicating your building, room, and telephone number.
8. Take container to CHBE Stores, room 176 for waste pick-up.

<sup>1</sup> If a fume hood is unavailable, empty capped bottles can be brought down to CHBE Stores for disposal but bottles must clearly indicate previous bottle contents and end users name.

<sup>2</sup> Bottles (2 - 4L.) which are intact, rinsed and have all labels and hazard warnings removed can be brought down to CHBE Stores for disposal.

Recommended by Safety Committee:

**Safety Committee Chair:**

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Signature: [Handwritten Signature]  
Date: AUG. 23, 2012

Revised by Safety Program Officer:

**Safety Program Officer:**

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Approved By Department Chair:

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Name: Peter Englezos  
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Date: 29/08/2012