

Procedures for Disposal of Hazardous Waste Chemicals – ESB C111.4

Is your lab in CSB, SC, or ESB?

- Do you have solid bulk waste?
e.g. EtBr, silica, unused chemicals
- Do you have liquid bulk waste?
e.g. organic solvents, acid metal waste, aqueous inorganic
- Deposit waste in ESB C111.4

Get a
key from

- Lori Van Belle CSB D112 x 7529
- Emily Slepko SC 113 x 7680
- Ed Stokan SC 321 x 7279
- Robert Loney ESB A204.1 x 7870
- Chris Williams ESB A203 x 7061
- Angela Sikma ESB A203 x 6253

What you need to know in your lab;

While you are collecting your waste & before you take the waste for disposal

1. Refer to the SDS for each chemical
2. Ensure the container is compatible with the type of waste
3. Ensure the container is in good condition with a lid
4. Do not fill your container more than $\frac{3}{4}$ full
5. Do not mix incompatible chemicals—know what you are working with
6. Separate halogenated & non-halogenated wastes (>0.05% halogens – F, Cl, Br, I - constitutes halogenated waste)
7. Transport the chemical waste using safety carrying containers or a lab cart
8. If your waste material is category "F" or explosion or reactive, contact the Waste Technician (Lori) prior to moving the waste

Process for leaving chemical waste in ESB C111.4

1. Select the appropriate waste label e.g. inorganic, organic, acid metals, etc.
2. Record the required information on the label, including lab name and contact person
3. Include the full names of all chemicals
 - a. Include concentration(s) or approximate percentages, if known
4. Affix the label onto your container & place the container on the bench
 - a. Ensure the waste label is visible, legible, and completely filled out
5. Record the details of your waste into the inventory binder—complete all columns including WHMIS 2015 categories.
 - a. Refer to the appropriate SDS for information
 - b. The inventory binder entry must match your waste label
6. Match the volume of your container to the volume of your waste
7. Do not deposit/leave empty chemical bottles

What to do with wastes other than regular lab chemicals?

- For biohazardous or radioactive waste contact **Chris Williams** cwilliams@trentu.ca x7061
 - Return full size compressed gas tanks to SC loading dock for pickup by our gas vendor
- If you have small lecture sized compressed gas tanks, contact Lori

Questions? Contact:

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