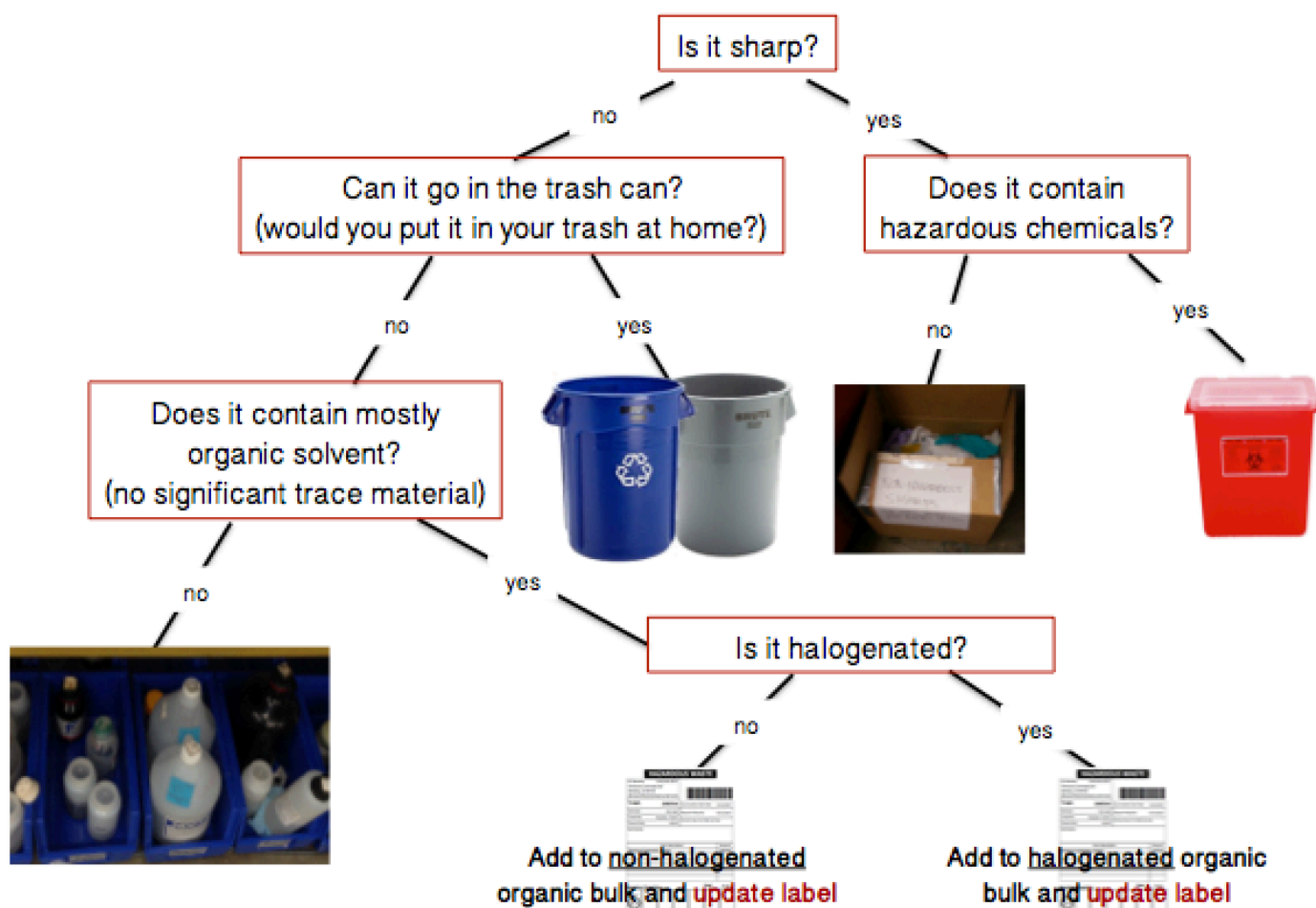


# Linlab procedure for Waste Disposal

## How to dispose of things safely in our lab

As our lab begins to use more chemicals, the Linlab is constantly looking for ways to develop a robust lab culture around waste disposal. Remember, be responsible for the chemicals you purchase and use! Know what can be disposed of, and how. In general, you can use this decision tree to know how to dispose of something. But there are always exceptions and things not included. Always ask if you are unsure.

As of this update, superusers: Emmeline



### 1. Trash cans/recycling bins

### 2. Sharps

- a. **Sharps:** Razor blades, broken/unbroken glass, broken silicon, empty (or mostly empty) syringes with basic PEGDA, IPA, or similarly nontoxic chemicals can be thrown in the sharps box beside the first M3B table. This is the **NON-TOXIC SHARPS BOX**

- i. **Do NOT overfill the sharps boxes!** (This completely defeats the purpose of having one). When it's full, either replace the box with an empty one or contact one of the M3B directors
- ii. If there's a lot of chemical, empty the syringe into a waste container first
- iii. When full, we'll tape up the sharps box and throw it in the trash.
- b. **Toxic Sharps:** These should go in one of the red sharps bins. These are disposed by asking EH&S for a sharps pick-up on the EH&S website.
  - i. The container says biohazard, this OK, as long as it is crossed out and the hazardous waste label does not have biohazard labels on it.

### 3. Bulk Waste

- a. We are bulking waste into two categories. Please do not mix them. Each will be kept in their own drums. Only use the bulk waste when there are only trace materials (mostly organic solvent).
  - i. Halogenated organic solvent – Use the funnel when there are large amounts, otherwise, pour it in. As you are pouring, take note of how much of each solvent you are putting in. Leave the drum closed any time you are not using it. After disposing of your waste, update the hazardous waste label. **It is very dangerous to not update the label.**
  - ii. Non-halogenated organic solvent – Use the funnel when there are large amounts, otherwise, pour it in. As you are pouring, take note of how much of each solvent you are putting in. Leave the drum closed any time you are not using it. After disposing of your waste, update the hazardous waste label. **It is very dangerous to not update the label.**

### 4. General Hazardous Waste

- a. For all other materials, or if you are unsure, fill out a hazardous waste label according to the instructions provided in the training. Summarized instructions can be found below:

1) Create an EH&S hazardous waste label

<https://jwas.ehs.berkeley.edu/hwp/do/DisplayWasteTagForm>

HAZARDOUS WASTE PROGRAM - UC BERKELEY

Welcome Roseanne Warren

**HAZARDOUS WASTE PROGRAM**

- Create Label
- Create Template
- View Waste in Accumulation
- View Items Waiting for Approval
- View Approved Items
- View Collected Items
- View All Templates
- Request Pickup
- Retake Training
- Order More Supplies
- Print Labels
- Manage Lab Personnel
- Logout

**Create Label** \* Required

\* Do you want to:  Create New Label?  Create Label from Template?

Generator: LIN, Liwei

Building: SELECT (input building if not in drop-down)

Room: (include item location if necessary, for example: 317, fume hood)

Accumulation Start Date: 04/10/2015

Contact Phone: (xxx) xxx-xxxx

\* Indicate type of waste:  Chemical Waste  Universal Waste  Biohazardous Waste and Sharps  Controlled Substance

\* Physical State:  SOLID  LIQUID  GAS

\* Container Type: Glass bottle

2) Print label

<https://jwas.ehs.berkeley.edu/hwp/do/PrintTags>

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**Print Labels**

Narrow Search on

Generator: LIN, Liwei

Building: SELECT (input building if not in drop-down)

Room: (include item location if necessary, for example: 317, fume hood)

Tracking Number: Search Reset

Primary	Tracking Number	Accumulation Start Date
<input checked="" type="radio"/> Sulfuric Acid	95973	11/10/2014
<input type="radio"/> Acetone	95976	11/10/2014
<input type="radio"/> Potassium Chloride	95988	11/10/2014
<input type="radio"/> Acetonitrile	95994	11/10/2014

Print Label

3) Put label on waste container

4) Store in personal blue bin until waste container is full

5) When waste is full, request a pick-up

<https://jwas.ehs.berkeley.edu/hwp/do/DisplayPickUpRequest>

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**Request Pickup**

Generator: LIN, Liwei

Building: SELECT (input building if not in drop-down)

Room: (include item location if necessary, for example: 317, fume hood)

Search Reset

**Instructions**

To request pickup of accumulating waste, select one or more labels from the "Hazardous Waste in Accumulation" section below and then click the "Request pickup of the selected waste" button. All waste needs to be associated with a chartstring. Assign chartstrings individually on this page by clicking the edit icon to the right of each entry, or Assign chartstrings for multiple labels on the following screen.

**Hazardous Waste in Accumulation**

Show 10 entries Search:

Select All	Tracking Number	Primary Constituent	Age (days)	Deadline	Chartstring
<input type="checkbox"/>	95994	Acetonitrile	151	Apr 24, 2015	
<input type="checkbox"/>	95988	Potassium Chloride	151	Apr 24, 2015	
<input type="checkbox"/>	95976	Acetone	151	Apr 24, 2015	
<input type="checkbox"/>	95973	Sulfuric Acid	151	Apr 24, 2015	