**Waste disposal guidelines**

This guideline is for general routine waste. Unwanted chemicals in original bottles will be handled differently. Contact EHS for information on this type of disposal.

We have 3 main waste streams

1. Organic
2. Aqueous acidic
3. Aqueous basic

**Organic waste**

Organic waste consists of organic solvents, resins and small organic molecules.

* **Reactive species cannot be sent out in organic waste**. (example: acid chlorides, isocyanates, epoxides, Grignard reagents, butyl lithium, sodium compounds, etc,…) There are countless others. Remember your waste will be mixed later with other wastes. So just because the material is stable in your bottle does not mean it will not react with others later. Please be aware of this and think ahead. Neutralize all reactive species before bringing them out to waste.
* If you have large amounts of reactive materials or materials that cannot be readily or safely neutralized then they will have to be lab packed. A lab pack is much more expensive than regular waste and the lab in question may have to pay for the disposal.
* If you have extremely toxic materials for disposal contact EHS
* All waste must have the appropriate label with research group and person responsible for the waste (not the safety officer). This is so if there are questions the responsible party can be contacted. Content in percentages must also be on the waste label.
* Large amounts of amines should not be mixed in the regular waste. These will need to be lab packed. Contact EHS about this.

**Aqueous waste acidic or basic**

* Aqueous wastes are 50% or more water. Some organics either soluble or finely dissolved/emulsified can go out in the aqueous waste. Two phase wastes (aqueous/organic) will not be accepted. Decant the organic layer and submit as organic waste.
* All aqueous waste must have the pH on the label
* Aqueous wastes but be in glass or plastic containers
* All waste must have the appropriate label with research group and person responsible for the waste (not the safety officer). This is so if there are questions the responsible party can be contacted. Content in percentages must also be on the waste label.