

## WASTE MANAGEMENT GUIDE

Full SOP available at: <https://www.ehs.wvu.edu/chemical-waste/waste-management>

### IS MY WASTE HAZARDOUS?

You must determine whether your waste has certain characteristics such as Ignitability, Corrosivity, Reactivity, or is Toxic.

**Ignitable:** If any contents have a Flash Point below 140 Fahrenheit (5.1 or 5.2 yellow label) OR if the waste tests positive using Potassium-Iodide Starch Paper. **Corrosive:** If total waste solution pH is either  $\geq 12.5$  or  $\leq 2$ . **Reactive:** If waste is water reactive, or produces gasses. **Toxic:** (Decision template under development).

### HAZARDOUS WASTE

HAZARDOUS WASTE	
<input checked="" type="checkbox"/> Ignitable	<input checked="" type="checkbox"/> Corrosive
<input type="checkbox"/> Reactive	<input type="checkbox"/> Toxic
<input type="checkbox"/> Oxidizer (Ignitable)	
Contains: _____	
_____	
<i>Glacial Acetic Acid</i>	
_____	
_____	
_____	
Date when full: ____/____/____	
For Disposal: <a href="http://ehs.wvu.edu">ehs.wvu.edu</a>	

1. EHS will pick up unwanted chemicals and chemical wastes.
2. Chemicals must be compatible with the container.
3. Containers must be labeled with the words “**Hazardous Waste**” and list the **chemical name(s)**. Use the common or IUPAC name of each chemical (no formulas).
4. Mark all applicable hazard identifiers (i.e., Ignitable, Corrosive, Reactive, Toxic, Oxidizer)
5. Containers must always be kept **tightly** closed unless **actively** adding waste.
6. Containers should be no more than 95% full to allow for expansion.
7. Containers must have a screw cap closure or equivalent.
8. Only date container when it is **full**.
9. Submit the Hazardous Waste Disposal Form.

Form is available at [www.ehs.wvu.edu](http://www.ehs.wvu.edu) Click on the “Chemical Waste” button.

### SPECIAL WASTE

Special wastes are not regulated as hazardous waste. However, these wastes are not suitable for disposal via waste water or with other solid waste trash. Examples of special wastes are; Diesel Fuel, Ethylene and Propylene Glycols, Formalin, Ethidium Bromide Gels and solutions, Sharps with or without needles that were used for chemical transfers only.

### LAB CLEAN OUT

A lab clean out is a service that can be utilized to assist you with the removal of old expired, unused, unwanted chemicals from your lab. A lab clean out is also highly recommended when you are preparing to retire, relocate or complete research activities. Lab clean outs can be requested by submitting a Hazardous Waste Disposal Form and typing in the words “LAB CLEAN OUT” in the area you normally list chemicals.

### QUESTIONS:

#### CONTACT YOUR CHEMICAL HYGIENE OFFICER (CHO), OR

Environmental Health and Safety (EHS) Hazardous Materials Unit		Main Office: 304-293-3792
Joyce Addison – Manager, Hazardous Materials	304-293-5810	<a href="mailto:Joyce.Addison@mail.wvu.edu">Joyce.Addison@mail.wvu.edu</a>
Paul Porter – Hazardous Materials Specialist	304-293-5796	<a href="mailto:Paul.Porter@mail.wvu.edu">Paul.Porter@mail.wvu.edu</a>
Chuck Joseph – Hazardous Materials Specialist	304-293-5787	<a href="mailto:Charles.Joseph@mail.wvu.edu">Charles.Joseph@mail.wvu.edu</a>
Bill Graham – Hazardous Materials Technician	304-293-7107	<a href="mailto:William.Graham@mail.wvu.edu">William.Graham@mail.wvu.edu</a>

**The above instructions apply to Satellite Accumulation of wastes only. If containers are not at the point of initial generation and under control of the operator it is not Satellite Accumulation. You should contact EH&S for a different instruction guide.**