



TEMPLE UNIVERSITY A Commonwealth University

Environmental Health and Safety

HAZARDOUS / CHEMICAL WASTE

Hazardous chemicals and potentially hazardous wastes generated as a by-product of research and teaching at Temple University must be handled and disposed of according to legally mandated methods and accepted prudent practices.

DEFINITION: A waste is considered a “Hazardous Waste” if it meets any of the following characteristics:

Ignitability- Flash point < 60 °C (140 °F), spontaneously combustible, or oxidizer

Toxicity- 40 CFR 261.24 (listed waste)

Reactivity- Unstable, water reactive, or explosive

Corrosivity- pH ≤ 2 or ≥ 12.5

Specifically listed (F, K, P, or U lists) 40 CFR 261.31, 32 and 33

PLEASE NOTE: It is the generator’s responsibility to make the determination if a waste is hazardous or not. Contact EHS for guidance at (215) 707-2520 or 2-2520.

LABELING REQUIREMENTS

- 1) All waste containers must be in good condition and compatible with the waste it contains.
- 2) All waste containers must be clearly labeled “**HAZARDOUS WASTE**”
- 3) The contents of the container must also be labeled on the waste container. The full name of the chemical must be written out (No abbreviations).

GENERAL RULES AND GUIDELINES ON STORAGE

- 1) No more than 55 gallons of hazardous waste, or 1 quart of acutely hazardous waste, may be stored in a laboratory at any given time. The acutely hazardous waste list is located in 40 CFR 261.33 (e).
- 2) Waste must be stored in the same area that it is generated.
- 3) Waste containers must be kept closed during storage at all times except when it is necessary to add or remove waste.
- 4) The evaporation of waste in a fume hood is prohibited.

EMPTY CHEMICAL CONTAINERS

- 1) Empty chemical containers need to be rinsed 3 times.
- 2) Acutely hazardous chemical containers must also be rinsed 3 times. However the rinse must be collected and treated as hazardous waste.
- 3) The labels must be defaced or removed before the empty containers enter the municipal waste stream.

HAZARDOUS WASTE REMOVAL

A HAZARDOUS/CHEMICAL WASTE REMOVAL REQUEST FORM must be completed and faxed to EHS, (215) 707-1600 or 2-1600, two weeks prior to the scheduled pickup.

If you have any questions or would like to request a waste removal form please contact EHS at (215) 707-2520 or 2-2520.