## ENVIRONMENTAL HEALTH AND SAFETY

## HAZARDOUS MATERIALS MANAGEMENT

# LABELING CHEMICAL WASTE



### **Hazardous Waste Disposal Tag Requirements**

#### **Identifying a Waste Container & Contents**

From the moment the first drop of waste is added to a container, it must be labeled correctly to meet regulatory requirements and ensure safe handling. Using the orange Hazardous Waste Disposal Tag provided by Environmental Health and Safety (EHS) satisfies these requirements.

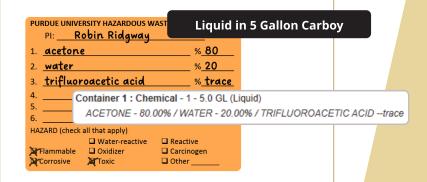
To properly label waste, make sure to:

- Clearly mark the container with the words "Hazardous Waste."
- Provide a complete list of chemical constituents using full chemical names (no formulas, abbreviations or acronyms).
- Include the percentage of each chemical—if it's less than 1%, it may be listed as "trace."
- For debris or silica gel, list all chemicals the material contacted, even if it appears dry, as "trace."
- Check all applicable hazard boxes on
- Ensure the information on the disposal tag matches the EHSA waste pickup request.
- Note: Disposal tags are not required for unused products in their original manufacturer containers.



**Administrative Operations** 

#### **Example of Completed Disposal Tags with EHSA Entry**



Double Bagged Lab Debris (Order of constituents may change in EHSA but the list and percents must match.)

PI: Robin Ridgway	_
1. gloves %	25
2. paper towels %	25
3. plastic pipettes %	<u>15</u>
4. weigh boats %	35
5. methanol %	<u>trace</u>
6. <u>toluene</u> %	trace

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Container 2: Chemical - 1 - 3.0 LB (Solid) weigh boats - 35.00% / gloves - 25.00% / paper towels - 25.00% / plastic pipettes - 15.00% / METHANOL --trace / TOLUENE --trace

#### **Bucket of HPLC Vials Containing Liquid**

(List chemicals, percents, and physical form of vial

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PI: Robin Ridgway					
1. <u>aceton</u>	e	% <u>20</u>			
2. <u>ethyl a</u>	cetate	% <u>20</u>			
•		<u> % 20</u>	ontainer Comments / Additional Information		
4. <u>acetonitrile</u> % 20 5		gallon bucket of vials containing listed chemicals			
5. <u>tetrahydrofuran</u> %_		<u> %_20</u>			
6		Container 3 : Ch	emical - 1 - 5.0 GL (Liquid)		
HAZARD (check all that apply)  Water-reactive  ACETONE - 20		00% / ACETONITRILE - 20.00% / DIETHYL ETHER -			
Flammable Corrosive	Oxidizer Toxic	20.00% / ETHYL	ACETATE - 20.00% / TETRA	HYDROFURAN - 20.00%	