Satellite Accumulation Area (SAA) Guidelines

A Satellite Accumulation Area (SAA) is an EHS approved location in your laboratory or work space utilized for storing hazardous waste. The SAA must be located at or near the point of generation, remain under the control of the operator of the process generating waste, maintain an emergency management plan and have an SAA sign posted.

A hazardous waste is a waste with properties that make it dangerous or capable of having a harmful effect on human health or the environment. A waste is determined to be a hazardous waste if it is specifically listed on one of four lists (the F, K, P and U lists) found in title 40 of the Code of Federal Regulations (CFR) in section 261. Listed wastes are wastes from common manufacturing and industrial processes, specific industries and can be generated from discarded commercial products.

Characteristic hazardous wastes are wastes that exhibit any one or more of the following characteristics: ignitability (D001), corrosivity (D002), reactivity (D003) or toxicity (D004-D043). A generator is allowed to accumulate as much as 55 gallons of non-acute hazardous waste and/or one-quart liquid or 1 Kg (2.2 lbs.) of solid acute hazardous waste in the SAA. An Acute Hazardous waste is listed on the EPA’s P-list waste as well as six F-list wastes, F020, F021, F022, F023, F026 and F027. A list containing P-list and F-list waste is attached.

Satellite accumulation containers must be:

1. In good condition:
   - If the container begins to leak the generator must immediately transfer the hazardous waste to a container in good condition that does not leak. TIP: Use secondary containment for liquids
2. Compatible with the hazardous waste being stored:
   - The container may be made of or lined with materials that will not react with, and are otherwise compatible with, the hazardous waste to be accumulated, so that the ability of the container to contain the waste is not impaired.
   - Incompatible wastes, or incompatible wastes and materials, must not be placed in the same container.
   - Waste must not be placed in an unwashed container that previously held an incompatible waste or material.
   - A container holding a hazardous waste that is incompatible with any waste or other materials accumulated nearby in other containers must be separated from the other materials or protected from them by any practical means.
3. Closed during storage except when:
   - Adding or removing or consolidating waste
   - Temporary venting of a container is necessary
   - To prevent dangerous situation such as build-up of extreme pressure
   - For proper operation of equipment
4. Contain a UA hazardous waste label that identify:
   - The contents of the containers
   - The primary hazard (corrosive, oxidizer, etc.)
   - The approximate percentages of each component totaling 100%
   - Labels are available at the EHS website (ehs.ua.edu)
5. Date:
   - When a container meets one of the following criteria mark that date on the container:
     - Full or exceeds 55 gallons of non-acute hazardous waste and/or 1 qt. of liquid or 1 kg of solid acute hazardous waste
6. Submit a pick-up request as soon as the above mentioned criteria are met (ehs.ua.edu)
   - This hazardous waste MUST be removed within three days (72 hours)

TIPS: Regularly inspect your waste containers for spills, leaks, breaks and other compromises.

Please review and maintain in your lab space.
Satellite Accumulation Area (SAA)

This Satellite Accumulation Area (SAA) has been approved by EHS for the collection of HAZARDOUS WASTE under the following conditions:

1. **Storage limit:**
   - The SAA may accumulate as much as 55 gallons of non-acute hazardous waste, and/or 1 qt. liquid or 1 kg solid acute hazardous waste at any one time.

2. **Containers:**
   - Compatible with the hazardous waste being stored
   - Incompatible wastes, or incompatible wastes and materials, must not be placed in the same container.
   - TIP: Use secondary containment for liquid
   - Closed during storage except when:
     - Adding or removing or consolidating waste
     - Temporary venting is necessary
     - To prevent build-up of extreme pressure
     - For proper operation of equipment

3. **Label:**
   - All hazardous waste containers must be labeled as HAZARDOUS WASTE.
   - Must indicate the primary hazard (corrosive, reactive, etc.)
   - Indicate the approximate percentages of each component totaling 100%

4. **Pick-Up Request:**
   - Submit waste pick up request via the EHS website (ehs.ua.edu)

5. **Emergency Preparedness:** All SAAs must have access to a:
   - Emergency management plan
   - Fire alarm & extinguisher
   - Eyewash station & safety shower
   - Spill kit
   - Communication device
   - Maintain appropriate egress

6. **Exclusions:**
   - NO BIOHAZARD or RADIOACTIVE waste may be mixed with or stored in the SAA unless otherwise approved by EHS. If you have questions regarding your mixed waste, please contact EHS.

**In the event of an emergency:**
   - Alert others in the area and evacuate if necessary
   - Phone emergency responders UAPD (205) 348-5454 and EHS (205)348-5905

Lab Hazardous Waste Manager (Please Print): ______________________________
Emergency phone number: ________________

This document will be signed and posted above your SAA
HAZARDOUS WASTE LABEL

Building: __________________        Room: __________________        Date: ___________

The date listed is the date the container is **no longer in use** and ready for disposal – or-
55 gallons (or 1 quart or 1 kg of acute hazardous waste) is met or exceeded

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<th>Chemical Name - No Symbols or Formulas :</th>
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Circle all that apply to contents:

- Corrosive
- Flammable Liquid/ Solid
- Oxidizer
- Reactive
- Toxic

**EHS**: (205) 348-5905  
**UAPD**: (205) 348-5454

**Waste label to be placed on waste container**

**References:**

ADEM Land Division Hazardous Waste Program Division 14  
40 CFR section 261