

Managing Mixed Waste

➔ 1. Determine

- Segregate waste by physical form (solids vs. liquids)
- Collect long-lived isotopes separate from short-lived isotopes
- If you don't know if a specific waste is hazardous, check label(s) or MSDS to determine if these criteria apply:

Toxic:



- carcinogen,
- bioaccumulative properties,
- waste containing heavy metals
- waste oil

Corrosive:

- pH <2 or >12.5



Ignitable:



- Liquids with a flash point of <140°F (60°C)
- Solids that burn spontaneously
- Oxidizers

Reactive:



- Unstable material
- Explosives
- Water reactives
- Cyanide or sulfide-bearing wastes

➔ 3. Contain and Label

- Complete the following sections of the Radioactive Material Tag and attach to the container
A ("Physical Form"); F (all entries); G ("Generator's Name")
- Complete a Hazardous Waste Label and attach to the container

HAZARDOUS WASTE
HANDLE WITH CARE!

Generator: _____ Phone #: _____
 Building: _____ Room: _____

Contents: _____
 SAA start date: _____
 WAA receipt or accumulation start date*: _____

HAZARDOUS WASTE HANDLING FACILITY USE ONLY

IWHF receipt date: _____
 Disposal quantity #: _____
 Sample analysis #: _____

Hazardous properties (check all that apply):
 Toxic
 Corrosive
 Ignitable
 Reactive
 Other: _____

Solid
 Liquid
 Gas

*Receipt Date from SAA or Accumulation Start Date in the WAA Berkeley Laboratory 1 Cyclotron Rd., Berkeley, CA 94720

CAUTION
RADIOACTIVE MATERIAL

A. Physical Form: _____
 B. Activity of Material: _____
 C. Activity of Original Material at Date of Receipt: _____
 D. Date of Receipt: _____
 E. Date of Disposal: _____
 F. Date of Transfer: _____
 G. Date of Receipt of Material: _____
 H. Date of Receipt of Material: _____
 I. Date of Receipt of Material: _____
 J. Date of Receipt of Material: _____

➔ 2. Accumulate

- Place in a designated satellite accumulation area (MWSAA) in your radioactive material area (RMA)
- Segregate incompatible waste
- Provide secondary containment
- Keep containers closed except while adding waste

➔ 4. Dispose

- Do not keep your mixed waste over 275 days.
- Complete remaining sections of the Rad Tag and sign
- Fax to x4838 along with a Radioactive/Mixed Waste disposal requisition