

MIXED WASTE: CHEMICAL AND RADIOACTIVE



Read below for information about safe packaging, labeling and disposing of mixed chemical and radioactive waste.

DESCRIPTION

Mixed waste consists of radioactive waste combined with chemical waste. Mixed waste is very expensive and often difficult to dispose.

Liquids that exhibit characteristics of flammability, corrosivity, reactivity or toxicity are considered mixed waste.

Mixed waste generation is strongly discouraged. Labs planning or concerned about generating mixed waste must consult with Radiation Safety for disposal pricing, guidelines and alternative options (e.g. neutralization).

STORE

Mixed waste should be stored in a strong plastic container. The container should also be placed in secondary containment with absorbent pad lining. Place waste in a posted and secure area.



PACKAGE & LABEL

Ensure container is properly labeled with the following information:

- Type of liquid
- The nuclide and activity
- Chemical components and concentrations
- pH

The container must also “Caution Radioactive Materials” sticker.



DISPOSE

To arrange disposal of radioactive materials mixed with chemicals, complete a [Radioactive Waste Collection Request](#).

Please contact EH&S Radiation Safety at 206.543.0463 or radsaf@uw.edu for more information.