

required

Waste Disposal Chart for Radioisotope Laboratories

Radioactive waste disposal to the regular garbage is strictly prohibited!

in the laboratory by the use of radioactive material Tag and attach the tag to the container. shall be segregated, contained and marked in

accordance with this chart. Before using radioactive materials, consider your experiment and prepare waste containers for all potential waste types

All wastes generated Complete the upper portion of the Radioactive Waste Written procedure outlining the generation, storage Transfer wet solid waste containers to the EHSO waste facility as soon as possible. Transfer all other Only clear autoclave bags are to be used!!! Never use waste containers within 6 month.

and disposal of Radiological-Biological waste must be approved by the Safety Office.

orange or red bags for radioactive waste!

For more information contact the FHSO (474-6633)

For all other UofM areas: see current Radioactive Waste Calendar, See the Calendar for all other details and dates.

prepare waste	e containers for all potent	nai waste types.			For more information c	ontact the EH	1SO (474-6633).
		****	Waste	from Radioisotope Use			
Incidental Release	Radiological- Biological Waste	ALL Stock Vials/Kit & Contaminated Lead Pigs	Clean Lead Pigs Shielding	Liquids	Dry Solid <u>and</u> Glass	Sharps 	Wet Solid
\	\	Empty or not!	\	₩	\	\downarrow	\
Water used to wash hands and glassware may be flushed down lab sinks	As approved on permit. Make prior arrangements with EHSO if you are not authorized to place waste into incinerator directly.	Shield in original shipping containers	Monitor for radioactive contamination.	Keep each type of liquid waste separate or consult with Hazardous Waste Coordinator <u>Do Not Mix</u> with non - radioactive waste!	& brittle plastic vials gloves paper	needles blades	Spill clean up or emptied scintillation vials
	Remove all sharps and seal in strong plastic. As authorized on permit: place directly in	Package securely in a small box	Remove all tape, paper and plastic. Pack into a	Pour into Barrier Pack Bottles* or suitable size HDPE wide mouth leak-proof bottles	Seal in plastic, then package securely in a box.	Pack in a puncture-proof container	Double bag, package and transfer to the EHSO waste facility as soon as
	incinerator or transfer to EHSO.	\downarrow	small box ▼	↓			possible.
	↓	Attach the Universal Waste Tag	Attach the Universal Waste Tag	Immediately prior to transfer t Waste Tag.	mediately prior to transfer to EHSO, complete the lower portion of the Universal aste Tag.		
	If incinerated, fax (789 3906) or send by mail the completed Universal Waste Tag to EHSO. Calculate the activity in MBq for each load from			Use a LS counter and measure the activity/volume. Subtract a blank and multiply for the total volume. Convert to MBq (1dps=1Bq)	For each container, estimate the activity in MBq (or uCi) based on the date started as indicated on the waste tag, the usage of radioactive material as indicated on the inventory records for this period and the experimental procedure. Remember to correct for decay!		
No record keeping	the used activity and type of experiment.	Transfer to EHSO waste facility At MICB: Transfer to 5030 CCMB following local procedure, proceed with transfer to EHSO waste facility					