

Hazardous Waste Disposal Guide

[Phyathai Campus]

Download chemical waste collection form and label from
<https://science.mahidol.ac.th/green/Download.php>



Chemical Waste

- Fill 70-80% of the container
- If the name of the chemical is not known, "Do not open".
- Put in sealed thick plastic bags.



Chemical Contaminated Waste (Gloves/Pipette Tip/Gel/etc.)

Items contaminated with hazardous substances such as ethidium bromide must be double bagged, vacuum, and sealed.

Phenol-Chloroform must be put in a glass bottle, separated from other contaminated items.

Infectious Waste

- Put in red plastic bags, fill 2/3 of the bag's content and fasten.
- (For sharp items, put them in plastic bottles before putting them in the red bag)



Broken Glass/Sharps

Broken glass :
fill double bagged and place in a cardboard box



Microscope Slides:
fill 2/3 of a plastic bottle with a cap.

Municipal Toxic Waste
e.g. batteries, light bulbs, cell phone batteries
Put in bags according to the types and sealed.

Hazardous Laboratory Waste Disposal Procedures

1. Check and review the waste and complete the form.
* Make an appointment prior to the delivery to request the disposal and get the appropriate containers for the waste.

2. Make sure the containers are labeled.

3. Put in boxes with cushions and transport with care.

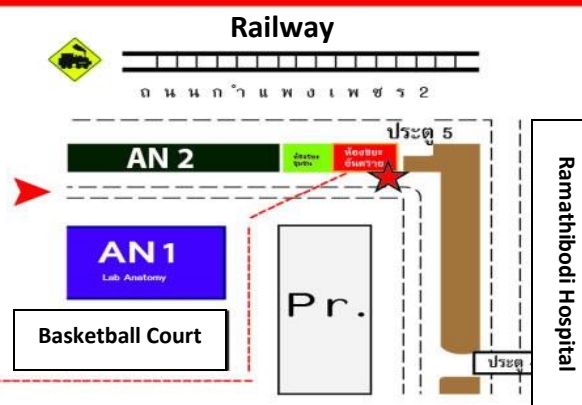
During transport with cart to hazardous waste room, wear the laboratory gown.



Way to transport with cart



Hazardous Waste Room



Open via appointments - Wednesdays and Fridays only.
(14.00-16.00)

To make appointment, contact Sumet Kittipoom
Phone: 0 2201 5024, 08 6746 9206
sumet.kii@mahidol.ac.th

Remarks:

- * Some specific chemicals and unknowns must be kept in the laboratory after completing the form.
- * Empty chemical containers are also accepted.
- * Plastic gallons are for used chemical only, and must be turned in within 3 months from the first day of usage.