

HAZARDOUS WASTE DISPOSAL

Liquid Chemical Wastes

Chemical wastes should be segregated as much as possible. Segregation helps to provide recycling and treatment opportunities. Combining chemical wastes can be dangerous as chemicals can react. Combined chemicals are expensive and environmentally costly to dispose of. Segregate as much as possible.

Ideal segregation groups are: non-halogenated organics, halogenated organics, acids, bases, heavy metals, and aqueous wastes.

- Collect liquid waste in a HSE approved container (request containers through Hazardous Waste Inventory System (HWIS) as "Other Wastes")
- During collection keep records of the contents. The Hazardous materials Disposal Tag can be used to track contents.
- Cap/seal container when not in use and prior to pickup. Store materials in an appropriate location for the contents. As many solvents are also flammable, they should be stored in a flammable storage cabinet.
- Fill out the Chemical Hazardous Materials Disposal tag.

Description on waste tag **must**

- (1) be in English (no abbreviations)
- (2) be in percent and
- (3) components should total 100%

Correct Descriptions:

80% acetone, 15% methanol, 5% Omega Biotech DNA Fast LT Buffer

99% dichloromethane, 1% ethylene diamine tetra acetic acid

Incorrect Descriptions:

70% methanol in water

2 mmol isopropyl alcohol

80% water, 20% EDTA

- Chemical wastes in their original bottles (not mixed) do not require a description on the tag
- Register your waste as "Chemical Wastes" through the Hazardous Waste Inventory System (HWIS) at <https://cwis.rms.ubc.ca/wisoc/login.aspx>

Prior to pick up please ensure:

- exterior of container is not contaminated
- container is sealed/capped
- attach Chemical Waste Disposal tag (available from RMS Hazardous Materials Webpage)

Materials that fail to follow these instructions may be rejected for disposal at time of pick-up.

Hazardous Materials Disposal	
Name:	Your name
Supervisor:	Supervisor's name
Waste Type	
Non-Halogenated	Halogenated
<input type="radio"/> Flammable	<input type="radio"/> Flammable
<input type="radio"/> Aqueous	<input type="radio"/> Aqueous
<input type="radio"/> Aqueous with metals	
<input type="radio"/> Other:	
Details of Contents (use back side for more space):	
95% acetone, 4% methanol, 1% water	
Incompatibilities (do NOT put these in the waste containers):	
TDG Classification (HSE use):	