

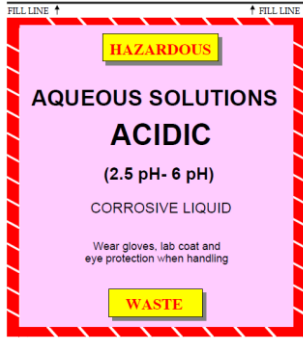

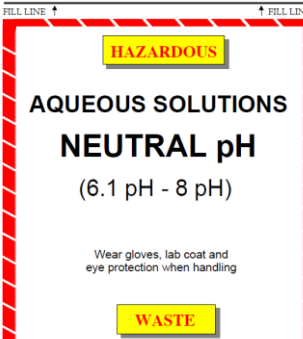


Hazardous waste container guidelines

Liquid waste





These guidelines are for OHSE supplied labeled containers

For any questions, contact OHSE ohs@uvic.ca

	Acidic aqueous solution waste <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• Solutions must have a pH range between 2.5 – 6 pH• NOTE:<ul style="list-style-type: none">• Concentrated acidic solutions (pH < 2.5) must be collected in an appropriate chemical compatible Lab User supplied container. Affix a green hazardous waste sticker for pick up. DO NOT USE THE OHSE PROVIDED CONTAINERS.
	Basic aqueous solution waste <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• Solutions must have a pH range between 8.1 – 11.5• NOTE:<ul style="list-style-type: none">• Concentrated basic solutions (pH < 11.5) must be collected in an appropriate chemical compatible Lab User supplied container. DO NOT DECANT INTO THE OHSE PROVIDED CONTAINERS. Affix a green hazardous waste sticker for pick up• Old base baths (isopropanol & potassium hydroxide) must be collected via Lab User supplied containers. Affix a green hazardous waste sticker for pick up. DO NOT USE THE OHSE PROVIDED CONTAINERS.
	Neutral aqueous solution waste <ul style="list-style-type: none">• Disposal into either of the of OHSE supplied 10 or 20 litre plastic containers• Solutions must have a pH range between 6.1 – 8• NOTE<ul style="list-style-type: none">• Do not dispose aqueous waste containing toxic heavy metals (such as cadmium, lead, arsenic, tin, mercury etc). Please dispose into the green cans for “Toxic metal aqueous waste”




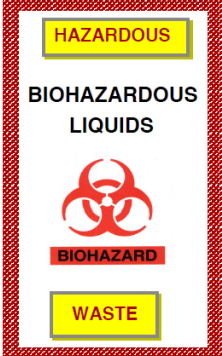




	<h3>Formaldehyde/alcohol solution</h3> <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• Solutions must should not exceed 15% formaldehyde• NOTE:<ul style="list-style-type: none">• Concentrated (>15 %) formaldehyde solutions must be collected in an appropriate Lab User supplied container. Affix a green hazardous waste sticker for pick up.
	<h3>Acetonitrile/TFA Solution</h3> <ul style="list-style-type: none">• Disposal into 20 litre plastic containers• Disposal of liquid waste acetonitrile/trifluoroacetic acid (0.1-1.0% TFA) or acetonitrile/formic acid (0.1-1.0% FA) solutions and residual solvents from liquid chromatography
	<h3>Ethidium bromide solutions</h3> <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• Intended for ethidium bromide buffer solutions. Solutions must not exceed 1% ethidium bromide• NOTE:<ul style="list-style-type: none">• Concentrated (>1 %) ethidium bromide stock solutions must be collected in an appropriate Lab User supplied container. Affix a green hazardous waste sticker for pick up
	<h3>GelRed stain solution</h3> <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• May include running buffers as well as stock solutions





	<h3>SYBR Safe solution</h3> <ul style="list-style-type: none">• Disposal into either of the OHSE supplied 10 or 20 litre plastic containers• May include running buffers as well as stock solutions
	<h3>Non-halogenated organic solvents</h3> <ul style="list-style-type: none">• Dispose into 4.5L red cans• Do not dispose water/aqueous solutions in cans• Do not dispose solvents with halogens (fluoride, chloride, bromide, iodide) solvents• Example solvents include but not limited to: acetone, isopropanol, acetonitrile, toluene, diethyl ether, tetrahydrofuran, ethyl acetate etc
	<h3>Halogenated organic solvents</h3> <ul style="list-style-type: none">• Dispose into 4.5L blue cans• Do not dispose water/aqueous solutions in cans• Non-halogenated solvents can be disposed in the blue cans if mixed with halogenated solvents• Example solvents include but not limited to: dichloromethane, chloroform, bromobenzene, etc
	<h3>Biohazardous liquids</h3> <ul style="list-style-type: none">• Dispose into 4.5L yellow can• Dispose biohazardous liquids that is not suitable for autoclave nor bleach treatment sink disposal





Toxic metal aqueous waste

- Dispose into 4.5L **green can**
- Dispose aqueous waste containing heavy metals not meant for neutral aqueous solution waste stream
- Toxic metals include (but not limited to) cadmium, lead, arsenic, tin, mercury
- Note:
 - Do not dispose non-halogenated or halogenated solvents containing toxic heavy metals. Dispose instead into the red and blue cans, respectively.
 - If solution is strongly acidic (<2.5) or basic (>11.5) collect separately into a chemically compatible Lab User supplied container. Affix a green hazardous waste sticker for pick up.

