

Hazardous waste container guidelines

Liquid waste

These guidelines are for OHSE supplied labeled containers For any questions, contact OHSE ohs@uvic.ca

HAZARDOUS AQUEOUS SOLUTIONS ACIDIC (2.5 pH- 6 pH) CORROSIVE LIQUID Wear gloves, lab coat and eye protection when handling WASTE	 Acidic aqueous solution waste 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: 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.
HAZARDOUS AQUEOUS SOLUTIONS BASIC (8.1 pH-11.5 pH) CORROSIVE LIQUID Wear gloves, lab cost and eye protection when handling WASTE	 Basic aqueous solution waste 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: 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.
HAZARDOUS AQUEOUS SOLUTIONS NEUTRAL pH (6.1 pH - 8 pH) Wear gloves, lab coat and eye protection when handling WASTE	 Neutral aqueous solution waste 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 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"





FILL LINE TO FILL LINE THAZARDOUS FORMALDEHYDE/ ALCOHOL SOLUTION (TOXIC, CORROSIVE LIQUID) Wear gloves, lab coat and eye protection when handling WASTE	 Formaldehyde/alcohol solution Disposal into either of the OHSE supplied 10 or 20 litre plastic containers Solutions must should not exceed 15% formaldehyde NOTE: Concentrated (>15 %) formaldehyde solutions must be collected in an appropriate Lab User supplied container. Affix a green hazardous waste sticker for pick up. Disposal into either of the OHSE supplied to the other supplice to the
FILL LINE TO THE LINE HAZARDOUS ACETONITRILE/ TFAL SOLUTION (TOXIC, CORROSIVE LIQUID) Wear gloves, lab coat and eye protection when handling WASTE	 Acetonitrile/TFA Solution 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
TILLINE TRILLINE HAZARDOUS ETHIDIUM BROMIDE SOLUTIONS (MUTAGEN) Wear gloves, lab coat and eye protection when handling WASTE	 Ethidium bromide solutions 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: Concentrated (>1 %) ethidium bromide stock solutions must be collected in an appropriate Lab User supplied container. Affix a green hazardous wacto sticker for pick up
FILLINE OF FILLINE	 waste sticker for pick up GelRed stain solution Disposal into either of the OHSE supplied 10 or 20 litre plastic containers May include running buffers as well as stock solutions





HAZARDOUS HAZARDOUS SYBR SAFE SOLUTION Wear gloves, lab coat and eye protection when handling WASTE	 SYBR Safe solution Disposal into either of the OHSE supplied 10 or 20 litre plastic containers May include running buffers as well as stock solutions
HAZARDOUS NON HALOGENATED ORGANIC SOLVENTS ORGANIC SOLVENTS (TOXIC, FLAMMABLE) WASTE	 Non-halogenated organic solvents 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
HAZARDOUS HALOGENATED ORGANIC SOLVENTS ORGANIC SOLVENTS (TOXIC, FLAMMABLE) WASTE	 Halogenated organic solvents 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
HAZARDOUS BIOHAZARDOUS LIQUIDS BIOHAZARD BIOHAZARD WASTE	 Biohazardous liquids Dispose into 4.5L yellow can Dispose biohazardous liquids that is not suitable for autoclave nor bleach treatment sink disposal





	Toxic metal aqueous waste
HAZARDOUS HEAVY METAL AQUEOUS WASTE (pH 2.5 - 11.5) LEACHABLE TOXIC 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.

