

Liquid waste decontamination

Liquid chemicals

Household bleach:

Bulk liquid should be treated with a final concentration of 10% bleach allowing contact time of 30 min. Decontaminated liquid can then be discarded down drain while running water

Household bleach in volumes indicated in chart below is added to the empty waste tank and reconnected to the cytometer. As liquid waste accumulates in the waste tank, it mixes with the bleach and is discarded down sink when waste tank is full

Instrument	waste tank size (L)	Vol. bleach for 10% soln (mL)
FACSAria II	10	1000
FACSymphony	10	1000
Aurora	4	400
Cytoflex	4	400

Ethanol:

70% to 90% Ethyl or isopropyl alcohol as general disinfectant

Solid biohazardous waste disposal

Extra cardboard boxes labeled for biohazardous waste accumulation, red biohazard bag liners, and tape for sealing boxes are located on the ground floor of HSRB

1. Assemble biohazardous waste cardboard box, using at least three pieces of tape on bottom of box to secure
2. Flip box over and line with a red biohazard bag
3. Place lid on top of box
4. When box is no more than 90% full, remove the lid, twist the free end of the bag and tie an overhand knot.

If sufficient length is not available, use a gooseneck knot secured with plastic tape: twist the free end of the bag, make a loop with the twisted end of the bag and seal by wrapping tape around the neck of the loop.

5. Close the top of the box and secure the flaps with at least three pieces of tape
6. Place a sticker with the Flow Core's information on side of box
7. Transport to holding room on ground floor (key found on hook near service elevator)
8. Place box against far wall in holding room