

Disposal of acid by neutralization:

(procedure given by Ron Aamodt)

H<sub>2</sub>SO<sub>4</sub> and HAc

Put ~ 1 L cold water in a 4 L beaker

Make up a solution of sodium bicarbonate (= sodium hydrogen carbonate = baking soda).

Add a stir bar and put in fume hood. Wear lab coat, gloves and goggles!

Slowly add the H<sub>2</sub>SO<sub>4</sub>. The solution will react (lots of fizzle and bubbles).

Add more sodium bicarbonate until the acid is all used up.

Repeat for HAc (caution this acid is more reactive).

If sodium bicarbonate is not available, can use sodium carbonate or soda ash (a mixture of calcium carbonate and sodium carbonate)