

DISHWASING

Making a 10% Acid Bath:

Wearing a lab coat, safety glasses and thick acid resistant gloves carefully add 100ml of 12M HCl to 900ml of DI H₂O to make 1 liter of acid bath. You will need some type of plastic tub with a lid to store the acid bath in. It should be deep enough to completely submerge your dishware when soaking.

NOTE: Always add the acid to the water and not the other way around.

All glassware and plastic needs to be cleaned in the following manner.

1. Rinse dishes well with tap water to remove any chemicals or soil.
2. Dishes that are really dirty and/or contain soil need to be scrubbed with Citranox or another type of **Phosphorus free** soap. (for citranox place a cap full of soap in a bucket and fill with tap water). After washing with citranox, rinse dishes really well with tap water.
3. Carefully place rinsed dishes in the acid bath. Make sure there is not visible dirt on dishes!

NOTE: You must wear a lab coat, safety glasses and thick acid resistant gloves when placing and removing dishes from acid bath!

4. Let dishes soak in acid bath for a minimum of 2 hours.
5. Remove dishes from acid bath and rinse really well (~3 times) with DI H₂O.
6. Let dishes air dry on drying rack or paper towels.

DO NOT PLACE RUBBER OR METAL IN THE ACID BATH

NOTE: Do not wash plastic wear used with chloroform. Throw away plastic wear because it is very difficult to get all the chloroform out of the plastic.