

CAUTION

The preservatives contained in the sample bottles are CORROSIVES (STRONG ACIDS and BASES). HANDLE them CAREFULLY to avoid spills and contact with skin and clothing. WEAR SAFETY GLASSES, PROTECTIVE GLOVES and an APRON at all times when handling preserved sample containers. Please pay special attention not to invert (turn upside down) the sample containers. IN CASE OF ACCIDENTAL CONTACT, immediately flood the affected area with large volumes of water and seek immediate medical attention. If the accident involves the eye, flood the eye with water for 15 minutes and seek immediate medical attention. IN CASE OF ACCIDENTAL INGESTION, immediately contact the Oregon Poison Control Center at (503) 494-8968.

SAMPLE PRESERVATION PROCESS

Many of the sample bottles provided to our clients require some form of preservation depending on the type of test to be performed. Pyxis Laboratories' "dot" code system allows both the lab personnel and you to easily cross-reference your analytical needs with the sample size and preservation requirements of the Environmental Protection Agency (EPA). The following summarizes our system:

ANALYSIS	PRESERVATION	BOTTLE	SIZE	DOTS
Metals (total)	HNO ₃	Plastic	1 Liter or 250 mL	2-red
Nitrate (Special)	H ₂ SO ₄	Plastic	1 Liter or 250 mL	2-yellow
Organics	HCL	Glass	1 Liter or 250 mL	2-blue
Volatiles	HCL	Glass (Pairs)	40 mL	2-blue
Cyanides	NaOH (pellets)	Plastic	1 Liter	2-purple
Sulfides	Zinc Acetate	Plastic	1 Liter or 250 mL	2-black

DO NOT RINSE THESE CONTAINERS. IF THE SAMPLES ARE NOT PRESERVED PROPERLY, THE DATA WILL BE FLAGGED AS NOT MEETING EPA OR NELAC STANDARDS.