

# **Chemical Inventory and Waste Codes of Conduct**

## **Chemical Code 1:**

EMDL staff is responsible for acquisition and inventory of "common use" chemicals in the lab. If a researcher thinks a chemical should be added to the "common use" classified list, the researcher should notify and discuss with the Director or Manager of the EMDL. After the discussion, the Director will decide whether or not to add the chemical to the list. The current list is as follows:

Acetone	Isopropyl Alcohol	Methanol	Distilled Water
Nano Strip	S1813	AZ Negative Resist	SU8 Resist
Hydrogen Peroxide	Hydrochloric Acid	Hydrofluoric Acid	Sulfuric Acid
Potassium Hydroxide	Sodium Hydroxide	Nitric Acid	PMMA

## **Chemical Code 2:**

If a chemical needed is not listed in "common use" of policy 1, the research may store the chemical in the EMDL if they follow the following policy. The researcher is responsible for the acquisition and inventory of chemical. The user must work with the lab manager to store chemicals properly. The user must also provide an MSDS in electronic form to the EMDL lab manager. There is no excuse not to label and inventory chemicals properly, if barcodes are not available in the EMDL it is the user's responsibility to obtain from LSU EHS.

## **Chemical Code 3:**

If chemicals are found in the EMDL without proper registration in EHS inventory database, is without barcode or without label; the owner relieves all ownership and the EMDL Lab Manager is free to dispose or collect.

## **Chemical Code 4:**

When a user has generated waste, the user is responsible for following the proper waste and labeling procedures outlined by LSU EHS department and reinforced by the in-lab training. There is no excuse to not label waste. Unlabeled waste or improperly labeled waste **will** result in suspension or revocation of EMDL access.

## **Chemical Code 5:**

All active chemicals left unattended that are not stored or labeled properly within the EMDL are subject for disposal.

## **Chemical Code 6:**

You are only permitted to use the chemical or Cleanroom if a manager or EMDL approved user are present. If you are handling chemicals or operating inside the Cleanroom after hours, you must observe the EMDL Buddy System. The Buddy System is your responsibility to ensure that at least one other certified user is in or close to the EMDL. It is your responsibility to ensure that your buddy is present for the duration of your lab use.

## **Chemical Code 7:**

Violation of any of the above policies may result and suspension or explosion of lab privileges.