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Regulated Chemicals



As part of an effort to combat illicit drug manufacturing in the U.S., the federal Drug Enforcement Administration (DEA) has imposed additional regulations on approximately 40 chemical substances which they believe are critical to clandestine drug production. These regulations have sought to help break the supply chain of ingredients for these kinds of operations by requiring manufacturers, distributors, and importers to verify and document the identity and affiliation of purchasers of these materials.

Since many of the regulated chemicals are also commonly used reagents in research and teaching laboratory activities, University purchasers of these substances are also subject to this verification process. The process is a simple one, requiring the purchaser to complete a paper or electronic form, often called a "DEA Letter of Compliance, 21 CFR 1310.07" and then returning it to the supplier. This form can be completed directly by the buyer and does not require EHS or other office notification.

Unless your lab needs actual controlled substances, no other additional or special registrations are required. Should you have any questions or wish to learn more about the chemicals covered by these regulations, please contact Yale EHS at 785-3550 or review the DEA's website at:

www.deadiversion.usdoj.gov/21cfr/cfr/1310/1310_02.htm#a.

Chemwatch (M)SDS Database

OSHA recently incorporated the "Globally Harmonized System of Classification and Labeling of Chemicals" (GHS) into their hazard communication standard, standardizing chemical labels and Material Safety Data Sheets. As of June 2015, all MSDS, now called Safety Data Sheets (SDS) are required to be standardized in a 16 section format that includes designated warning statements.

The Chemwatch Chemical Database and Management System is currently available for use by Yale University staff and students for MSDS/ SDS and other chemical information needs. Click onto the Chemwatch link on the Yale EHS website and you will have ready access to (M)SDSs, one page chemical hazard summaries, emergency information, and a label generation module for over 180,000 substances. All Chemwatch MSDSs can be translated into over 30 languages, including English, Spanish, and Chinese. Also linked to Chemwatch are over 4 million vendor/manufacturer MSDSs in various languages.

A simple tutorial for using this system is also available on the Yale EHS website at: <http://ehs.yale.edu/training/chemwatch-tutorial>.

Eli Surplus Exchange for Chemicals

Yale's New Eli Surplus Exchange Program – where departments can recycle office, lab equipment or unused/unopened chemicals to save money and the environment!

Yale Administration has launched a new website, [Eli Surplus Exchange](#), which allows all Yale departments, offices and labs to purchase, sell, or exchange furniture, lab equipment or even unused chemicals. The goal of Eli Surplus Exchange is to help University departments make better use of their surplus equipment, as well as contribute to Yale's sustainability goals of recycling and reuse.

Before purchasing new office or lab equipment, department managers can first look to the surplus exchange program to see if the equipment they want is listed there. This site was developed for easy use and navigation—functioning much like Craigslist and other classified advertisement websites yet only open to Yale University affiliates. Currently, the type of items that can be posted here are limited; however Administration hopes to expand the program as they gain experience with the site and study analytics. Please consult the [program policy](#) for additional details, especially the University's rules on equipment. If the item was purchased with sponsored funding, please contact Grants and Contracts Financial Administration (GCFA) prior to posting on this site. GCFA can be reached at mei.admin@yale.edu.

Many items are listed for free, so visit [Eli Surplus Exchange](#) today! You will need to log-in to purchase or exchange items. Comments and feedback are welcome, just click on the **Contact Us** link, once you have logged into the site.

ehs.yale.edu

We've moved!
Visit us at ehs.yale.edu
We invite your comments and
feedback as always, please let us know
what you think.

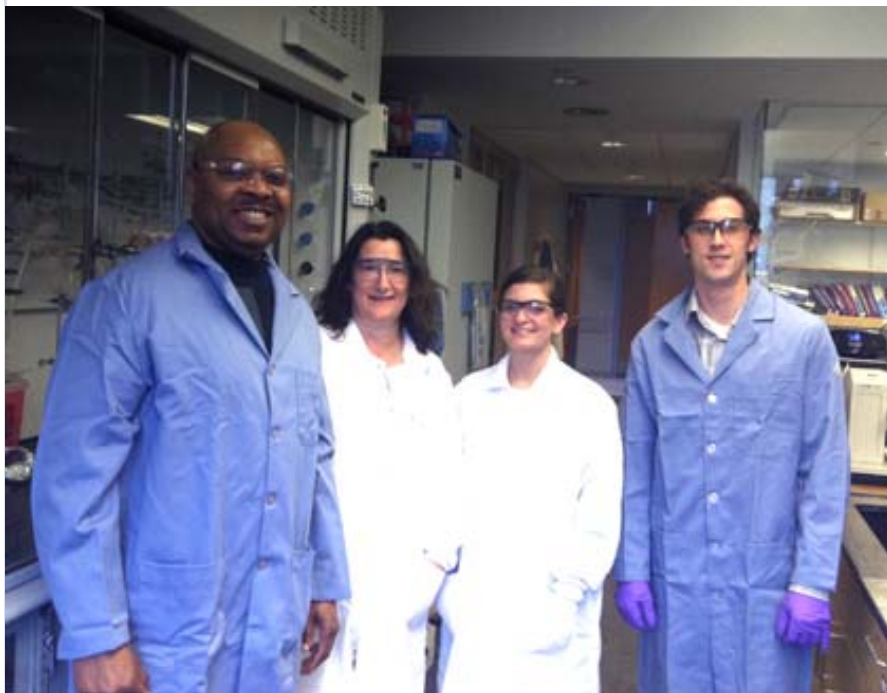
Chemical Inventory

A variety of potentially hazardous materials are necessary for modern scientific research and teaching. Among these, radioactive materials, infectious agents, and controlled substances have extensive regulatory controls associated with them, especially pre-purchase approvals and careful accounting. Unfortunately, similar regulatory controls do not exist for many laboratory chemicals, and as a result, these responsibilities are left to individual institutions and organizations.

Recognizing this vulnerability, Yale EHS has led a working group from Procurement, Finance and Administration, Risk Management, the stockrooms, and several end user departments to evaluate potential solutions. Based upon an extensive investigation into the needs for enhancing management of lab chemicals on campus, the group recommended a chemical inventory software product that was commercially available, CISPro from ChemSW. This inventory program allows chemicals to be tracked at the container level by bar-code. Chemical hazard information for each chemical container inventoried, as well as links to the Chemwatch Safety Data Sheet database, are also available through this software.

The project began in earnest a few months ago, with the Chemistry Department 'volunteering' as the first department to participate. Working in two field teams with laptop computers, bar code printers, and safety equipment, the program recently passed the 16,000 containers inventoried mark. Current plans are to continue to expand on Science Hill, then Central Campus research units, and ultimately move to the Medical School and West Campus.

Pictured below are field team members (from left to right): Jeff Mouning, Mary Kearney, Sandy Aurelia, and Patrick O'Donnell. For more information about the program or to learn about becoming an 'earlier adopter' in your department, contact Yale EHS.



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EVALUATION • RESPONSE • PREVENTION
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Traffic Safety Survey



Traffic Safety @ Yale—The Yale Traffic Safety Committee is a subcommittee of the University Safety Committee and was formed after the death of Mila Rainof (YSM 2008) who was struck and killed at an intersection on the medical campus.

Our aim is to improve the safety of the campus streets for all users. One of our current projects is to survey as many students/faculty/staff as possible to understand what areas of campus are difficult to navigate by pedestrians.

The results of this survey would then help to direct educational campaigns and develop safety policies to address these hazards. Having the input of as many members of the Yale community as possible would be invaluable to help reduce the risk of serious injuries on campus streets. [Click here](#) to complete the survey. A recent article in the Yale Daily News about this effort can be found at: yaledailynews.com/. Please contact chairperson, Kirsten Bechtel MD, at kirsten.bechtelt@yale.edu.

Incident Report

February 2013

Description: Sharps in regular trash

Custodians found sharps and surgical instruments in the regular trash. Fortunately there was no injury or exposure resulting from this incident.

Resolution:

This was reported to the Custodial Supervisor, who immediately notified EHS. The EHS Safety Advisor met with the laboratory to review proper sharps and medical waste disposal requirements. A notice was sent out to all who work in these laboratories and clinics reminding them of the proper disposal requirements for sharps and to never to place sharps or surgical instruments in the general trash.

Lessons Learned:

This incident is a reminder of the importance of proper disposal of sharps and medical waste. Careless actions by laboratory workers who improperly dispose sharps or hazardous materials may cause exposure or injury to others. Custodians are not to touch any trash that may contain sharps or other hazardous materials and to report it to their supervisors immediately.