

CHEMATIX™

Comprehensive Chemical Management System

Inventory Management

Inventory Management is a central feature of **CHEMATIX™**, providing the big picture view of chemical tracking and the ability to manage various aspects of warehouse and laboratory inventory of both chemical and non-chemical items. A multitude of user-configurable reports and views can be generated to view specific location inventories, hazardous chemical counts, historical profiles, etc.

A Chemical Abstract Database (CAD) is used to store detailed information about every substance in the system. This detail provides the foundation for regulatory compliance, environmental safety, and inventory, research and budget control. All substances are tracked via scanning (or manual entry) of barcodes attached to each item upon acceptance into the system at point of entry.

Storage locations including warehouses, laboratories, and specific shelves are also assigned barcodes and associated with a chemical inventory. A complete history of each bar coded item is maintained from point of entry to elimination as waste.

The main features of this module are:

- Ability to scan a chemical container barcode and immediately obtain critical information about chemical inventory, such as SDS information, purchase dates, expiration dates, item descriptions, hazard ratings, CAS numbers, transfer histories, etc.
- Instant access to real-time inventories for every location containing chemical inventory tracked by the system, complete with location address and responsible owner.
- Comprehensive and user-defined report generation of inventory summary for campus-wide, departmental and individual laboratory chemical inventory record.
- Ability to accommodate barcode scanners and barcode labels, printers for barcode generation.
- Tracking of item description, CAS number, hazard rating, chemical formula, container size and content, expiration date, SDS information, chemical origin, storage location (shipping address, building name and number, laboratory room number, specific storage location (shelf, freezer, cabinet etc.) vendor (manufacturer) name, vendor catalog number, lot number and transfer history.



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The main features of this module further include:

- Configurable e-mail notification to laboratory and Environmental Health and Safety personnel with chemical expiry details including expiration date, chemical name, location, responsible owner, etc.
- Inventory summary and hazard summary report generation, including monitoring threshold quantity for selected chemicals.
- First responder access to hazard summary report by buildings, floors, and to contact information of each lab owner including after hours contacts.
- Sequential generation of barcode labels (printed with associated unique identification number) for chemical containers, locations and specific storage units at the touch of a button.
- Inventory reconciliation process for lab or storage unit.



- Ability to designate chemical items as "Surplus" with corresponding location and transfer.
- Ability to accommodate iPad and other wireless devices.
- Inventory summary and hazard summary report generation.
- Inventory reports by threshold quantity.

CHEMATIX™ University of

Inventory Resources Help

Welcome to CHEMATIX User Name:

You are logged in as: **Five Sivco** Your home department is: **4120, Chemistry and Biochemistry Dept**

This system is composed of the modules shown below. To open a module, click on its name. These modules are also accessible using the icons at the top of the screen. For more information about the system, click on HELP.

Inventory Management
This module allows users to add bar coded items to the inventory, print barcodes, generate full inventory reports, and monitor the system. Users can also view all details pertaining to a specific item by scanning or entering its barcode.

Resource Management
This module is where administration of users, locations, and departments takes place. Here authorized users can manage selected users and department information and privileges.

- Chemical Store warehouse inventory management and quantity tracking.
- Automatic update of store inventory count and prices upon item receipt from suppliers if desired
- Automatic generation of store replenishment orders as determined by user-configurable threshold levels



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