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ChemTracker Services

The prime benefit of joining the ChemTracker Consortium is use of the ChemTracker program. Stanford University provides the web-hosting and IT support, back-up and security for the web-based system. Additional Stanford resources supporting ChemTracker include application and database developers, highly-skilled chemical classification specialists, and a member support team to do initial inventory uploads, perform chemical classification and regulatory analysis, and provide online help and training materials for member organizations.

Membership in the ChemTracker Consortium also offers the opportunity to network with other higher education research institutions and exchange information, e.g., best management practices for tracking and reporting hazardous substances.

The ChemTracker team sets up the separate data instances and works with new members to implement their site. Each institution provides ChemTracker Administrators who coordinate data-gathering, perform administrative functions and are the liaison between their users and the ChemTracker Team.

For more information,
visit chemtracker.org, email
chemtracker_support@lists.stanford.edu
or call 650-721-CHEM (2436).

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The higher education consortium for chemical inventory management and reporting, serving universities, colleges and other not-for-profit organizations since 2003.

ChemTracker software is a powerful solution for managing chemical inventory built around a robust chemical classification reference database.



Developed and hosted by Stanford University, the ChemTracker web-based application can help you:

- Produce local, state and federal regulatory reports
- Enhance safety by quickly providing health, safety, and hazard information to lab personnel, emergency responders, risk managers and EH&S personnel
- Increase compliance and reduce regulatory, personal injury, property loss and reputational risks and avoid disruption of research
- Ensure efficient use of capital construction funds for the design and construction of hazardous materials occupancies through improved design analysis based on occupancy-type requirements and specific inventories

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Overview

ChemTracker is a chemical inventory tracking system that produces regulatory reports, but it is much more than that. What makes ChemTracker different is its reference database of over 36,000 classified chemicals and 114,000 additional synonyms for those chemicals. These chemicals and associated synonyms include pure chemicals, mixtures, and many off-the-shelf items used not only by chemists, but also artists, custodians, facilities shops, grounds, landscaping, and wherever else hazardous materials are used on campus. ChemTracker is a system for your entire institution.

The reference database links inventory items to their hazards, physical properties, regulatory triggers and classifications, storage conditions and storage group, NFPA classifications, toxicology data, synonyms, and additional identifiers, such as CAS number.

All users, no matter what their permissions, have access to this database and its chemical information via the *ChemInfo* functionality.



Because ChemTracker is a web-based, Stanford-hosted solution, all backups, upgrades, network support, and routine system maintenance are handled by Stanford IT personnel. There is no software that gets loaded on individual campus machines, so your local IT services need only ensure internet connectivity.

Regulatory Reports

This linkage of your inventory to the reference database is what makes running regulatory reports and powerful searches possible. ChemTracker provides the following reports:

- Building Code Maximum Allowable Quantity regulatory reports
- SARA 312/313 (HMIS)
- SARA Extremely Hazardous Substances
- DHS CFATS Screening Tool
- California CERS file
- EPA HAPs report

Inventory Management

Permissions and Access

Access to inventory is controlled by a user profile and can be limited to the level of chemical Owner and Building/Room, as well as read-only or read/write permission.

Adding Inventory

- Required fields are limited to Owner, Department, Building, Room, Chemical Name, Physical State, Amount and Unit.
- Users can make Add Inventory templates, “pin” values, or Duplicate items to speed data input
- User can add any Chemical Name, even if it is not in the chemical reference database
- There are 3 additional location fields at the room level
- Included are three user-defined fields for other information to be tracked
- Nearly all fields are searchable

Modifying Inventory

- Use “bulk edits” to easily change or delete groups of inventory items, such as when a PI moves to a different lab, as well as perform single-item edits
- Inventory items can be designated as surplus materials to reduce waste disposal and purchasing costs

Searching

- Save frequently-used search criteria as Saved Search templates
- Dynamically-filtered type-ahead functionality reduces data entry time
- Search by single or multiple criteria, such as hazard(s), regulations, storage code, building, room, expiration date, ID number, location, department, owner, etc.
- Screen for Particularly Hazardous Substances
- Locate “out of date” materials with expiration date
- Easily determine locations of specific hazards, or multiple hazards in a particular area
- Drill down to Details View of inventory records
- Download into Microsoft Excel

Safety Information

- Easily access safety information for compliance, training and emergency response
- Link to Safety Data Sheets (SDS)
- Generate Life Safety Box reports



Barcode Support

ChemTracker supports barcode use:

- Barcodes can be scanned directly when entering data
- Search for single or multiple barcodes for auditing or ease in modifying, deleting or inventory disposal