

## ChemManager+ Overview Attendees

Presenters: Aaron McCoy (Assistant Chemical Hygiene Officer) and Amy Riedemann (Chemical Safety Systems Manager)

ChemManager+ is a barcoded chemical inventory platform integrated with ShopUW+ (it is a Punch Out)

### Why?

- Ensure safety
- Facilitate work
- Manage costs
- Demonstrate compliance

Pilot Labs (Fall 2022) -> Full departments (Summer 2023, Chemistry, PharmSci)

Currently: 120 labs using ChemManager+

- If your lab is interested, contact Amy Riedemann ([amy.riedemann@wisc.edu](mailto:amy.riedemann@wisc.edu)) to deploy your lab (his group will help to barcode existing inventory) – or [chemmanager@wisc.edu](mailto:chemmanager@wisc.edu)
- Provided by EH&S: Barcode scanner, barcodes, and student lab to barcode existing inventory

[www.chemmanager.wisc.edu](http://www.chemmanager.wisc.edu)

Meet regularly with vendor to provide feedback for improvements and updates.

- Chemwatch integration for SDSs (Safety Data Sheets)
- Peroxide Former Management (flagged in lab inventories; and notifies lab staff when testing should be done)
- Cross reference lists (hazardous waste codes, particularly hazardous substances, flammable liquids)
- Next release: improved container and source searching, ability to change a barcode, fixed bugs

### Inside the ChemManager+ Punch Out

- Your preferences include a PRIMARY location
- Shopping (search for chemicals)
  - Source Search (all punch out vendors loaded into the system)
    - Hosted (Fisher, VWR, etc.)
    - Labs (existing inventory in the lab)
    - Sorted by Supplier/Brand (filters on left)
    - Check Availability button – live pings vendor for item status
    - If ordered regularly, add item to favorites by clicking the HEART icon
    - eMolecules is a vendor ONLY available via ChemManager+ (sorted by how quickly something will arrive)
    - Choose locations for where chemical will be stored in the shopping cart
  - When chemical arrives....

- Receiving tab
      - Can search by PO # (most effective) or if your receiving location is set in your preferences (if you search all rooms, you'll see all chemicals that need to be received)
- Ordered outside of ChemManager+
  - Each physical bottle is called a CONTAINER
  - individual CHEMICAL and all its data is stored as a MATERIAL (profiles include a LOT of information)
  - Searching via CAS # is best, but many options exist for searching
  - Can also search by chemical structure
- Navigating Inventory
  - Quick Search – or container search on home page – scan bar code on container
    - Make edits as needed
    - View SDS
  - Can also scan multiple bottles at one time and then make changes to many at once
  - Search location (by room, multiple rooms), project (associated with a PI), etc.
- ChemManager+ is a system for chemicals with a CAS#, but those without a CAS# can be added (just less info may be available)
  - There is an add-on called the BioReagent Module (currently evaluating)

If the chemical has an SDS, it should be included in your ChemManager+ inventory (ex. bleach, cleaning supplies, disinfectants, etc.)

- Gas cylinders can be included in the inventory

Can restrict visibility of chemicals to people outside group as well

Sort/view PHS lists (or other hazard categories) of chemicals in laboratory (for risk assessments, etc.)

Hazard flags on chemicals – with details if you click on icon (not just what it is, but what it means)

Lab Managers can create Projects and assign others to a PROJECT (tile on home page “Projects”)

Chemical inventory CAN be behind a password-protected area

SDS behind a password-protected area can be compliant as long as everyone has access to ChemManager+ **AND** knows how to get into the system [There is a way to export an Excel sheet with links to all of the SDSs.]

QUESTIONS? Visit the website: [www.chemmanager.wisc.edu](http://www.chemmanager.wisc.edu) or email [chemmanager@wisc.edu](mailto:chemmanager@wisc.edu)