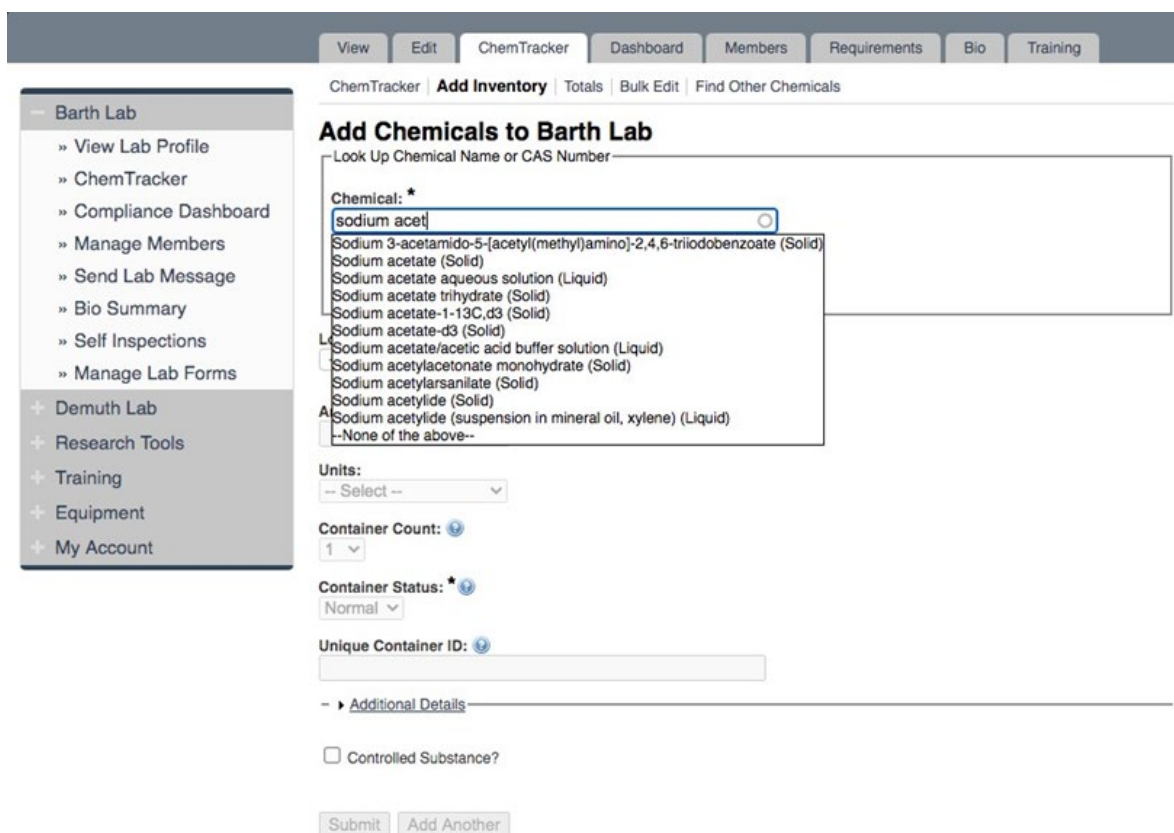


The ChemTracker module provides laboratories with a straightforward means of managing detailed chemical inventories in real time. When chemicals are linked to the centralized online chemical database, hazard and regulatory information is automatically populated. Safety Data Sheets can also be directly linked to chemical containers, which eliminates the need to maintain a separate database for this documentation. This ChemTracker guide covers adding and editing chemical inventories, confirming existing chemical inventories, as well as how to connect SDSs to chemicals.

Adding Chemicals to an Inventory:

To add a new chemical to an inventory, click “Add Inventory” from the ChemTracker page. Start typing the chemical name of the chemical you are adding to search the central database. Use the radio buttons to lookup via CAS number or product name or number instead.

As you type, ChemTracker will automatically begin searching. When the chemical you want to add appears, select it from the dropdown. Results for pure chemicals, mixtures, buffers, and commercial products will be listed. If you cannot find the chemical in the dropdown, select “None of the above” to enter an unlinked chemical. Unlinked chemicals are not connected to the central ChemTracker database and will not have hazard and regulation data associated with them from the central database.



View Edit ChemTracker Dashboard Members Requirements Bio Training

ChemTracker **Add Inventory** Totals Bulk Edit Find Other Chemicals

Add Chemicals to Barth Lab

Look Up Chemical Name or CAS Number

Chemical: *

sodium acet

- Sodium 3-acetamido-5-[acetyl(methyl)amino]-2,4,6-triiodobenzoate (Solid)
- Sodium acetate (Solid)
- Sodium acetate aqueous solution (Liquid)
- Sodium acetate trihydrate (Solid)
- Sodium acetate-1-13C,d3 (Solid)
- Sodium acetate-d3 (Solid)
- Sodium acetate/acetic acid buffer solution (Liquid)
- Sodium acetylacetonate monohydrate (Solid)
- Sodium acetylarsanilate (Solid)
- Sodium acetylride (Solid)
- Sodium acetylride (suspension in mineral oil, xylene) (Liquid)
- None of the above--

Units: -- Select --

Container Count: 1

Container Status: * Normal

Unique Container ID:

Additional Details

Controlled Substance?

Submit Add Another

From the “Location (space)” dropdown, select the space where this container will be stored. If the space you are looking for is not listed, please contact Rowan’s Laboratory Safety Department at LabSafety@Rowan.edu to have your Group/Lab added to the space.

View Edit ChemTracker Dashboard Members Requirements Bio Training

ChemTracker **Add Inventory** Totals Bulk Edit Find Other Chemicals

Add Chemicals to Barth Lab

Look Up Chemical Name or CAS Number

Chemical: *
Sodium acetate (Solid)

Chemical Name CAS Number Product Name or Number

Start typing the chemical name to find the chemical in the database.

Location (space):
Sene Chemistry Research Building - 134 [Reset](#)

Amount:
100

Units:
g

Container Count:
1

Container Status: *
Normal

Unique Container ID:

[Additional Details](#)

Controlled Substance?

Adding Safety Data Sheets in ChemTracker:

Ensuring that you have Safety Data Sheets available for each of the chemicals in your laboratory is an important safety and regulatory compliance requirement. The ChemTracker module is connected to an existing database of nearly 1 million unique SDSs. These SDSs can easily be connected to individual chemicals in your inventory through an SDS Association Search. If you have a chemical that is not in the existing database, you can easily submit a PDF copy for upload by contacting customer service via email.

To add an SDS to a chemical, select the chemical name in your ChemTracker inventory. Under Related SDS, select the Advanced SDS Search link.

Nitromethane

Synonyms:

Nitromethane, Methane, nitro-, Nitromethane (95+%), nitromethane

Chemical Constituents:

Chemical	Percent	Percent (low)
Nitromethane	100.00000	100.00000

CAS Number:

75-52-5

PubChem Compound ID:

6375

Molecular Formula:

CH3NO2

Storage Group Category:

L

Hazard Codes:

14, 15, 25, 37, 38, 39, 46, 56, 65, 3

Related SDS:

Title	Source	Last Updated	Document Date	Origin		
No SDS have been selected yet for this chemical. Select from the options below to select an appropriate SDS.						

[Advanced SDS Search](#)

[Upload Local SDS](#)

[Assign SDS via URL](#)

If an SDS is in the existing database for your chemical, it will appear in the search results. Once you have found the appropriate SDS from the search results list, select the Associate to Chemical link on the left-hand side.

Search Results

Product Name	Manufacturer	Product #	Last Update		
Nitromethane	Sigma-Aldrich		10/08/2021	Download PDF	Associate to chemical

If no SDS appears in the Advanced SDS Search results, there is currently no SDS in the ChemTracker database. To correct this, obtain a PDF copy of the SDS from the manufacture and email it to BioRAFT at Support@BioRAFT.com.

Note: Directly associating an SDS from the ChemTracker database is important because it creates a searchable link between the chemical and the SDS. This ensures that the SDS will appear for the chemical in all future searches (including searches by Public Safety in the event of an emergency).

Editing Chemical Inventory in Bulk:

The bulk edit function is valuable for editing or deleting many records at one time. Click “Bulk Edit” from your group/lab’s ChemTracker menu, then enter the relevant search parameters and select the containers you would like to edit.

View Edit ChemTracker Dashboard Members Requirements Bio Training

ChemTracker Add Inventory Totals **Bulk Edit** Find Other Chemicals

Select Chemical Containers

This page enables editing or deleting of many chemical containers at once. Use the filters below to find the containers you would like to change. Once you have selected the desired containers, click "Edit selected container" at the bottom of the page. From there, changes to all the selected containers may be made.

Filters

Chemical Name: boron CAS Number: Chemical Hazards: -- Select Hazard(s) --

Chemical Synonym: Database Linkage Status: Location (Space): -- Select Location(s) --

Physical State: -- Select State(s) -- Bench: Shelf:

Notes: Last Changed After: Last Changed Before:

Container IDs (up to 1000):

Comma-delimited list of Container IDs

Submit

Show 250 entries Search:

Showing 1 to 39 of 39 entries

Select All	Chemical Name	CAS #	Amount	Unit	Location	Bench	Shelf	Last Changed
<input type="checkbox"/>	2-Boronobenzaldehyde	40138-16-7	100	g	Sene Chemistry Research Building - 132			3/14/2019
<input type="checkbox"/>	Boron carbide	12069-32-8	100	g	Sene Chemistry Research Building - 134			4/10/2020
<input type="checkbox"/>	Boron complex, Barth lab		100	g	Sene Chemistry Research Building - 132	Bench 5	Shelf N	7/10/2019

Scroll down and click “Edit selected containers” in the lower-right corner. On the next screen you may indicate the changes you would like to make.

View Edit ChemTracker Dashboard Members Requirements Bio Training

ChemTracker | Add Inventory | Totals | **Bulk Edit** | Find Other Chemicals

Edit All Selected Containers

This page enables editing or deleting of many chemical containers at once. Use the filters below to find the containers you would like to change. Once you have selected the desired containers, click “Edit selected container” at the bottom of the page. From there, changes to all the selected containers may be made.

2 total containers selected.

Any changes made below will be applied to all of the chemical containers selected to modify. Any data entered for these fields will **overwrite** data currently existing for these chemical containers. Leaving a field blank means the original values for that field are kept.

Chemical

Look Up Chemical Name or CAS Number:

Chemical Name CAS Number Product Name or Number

Start typing the chemical name to find the chemical in the database.

Location (space):
-- Select --
Select a group to pick a space

Amount:

Units:
-- Select --

Bench:

Shelf:

Specific Location Note:

Expiration Date:
Format: 2020-07-02

Notes:

These changes cannot be undone in bulk.

Any changes indicated here will be applied to all the containers and overwrite existing data for those containers (such as replacing the existing notes). These changes cannot be bulk undone.

Click “Apply changes” and follow the prompts to complete your desired change(s). To instead delete these records, click “Delete all selected”.

Confirming Chemical Inventories:

The Reconciliation feature of ChemTracker is a tool that laboratories can utilize to confirm their chemical inventory. In ChemTracker, select the “Reconciliation” link from the menu, and then select “Start a New Reconciliation” to begin the process.

View | Edit | Dashboard | Members | ChemTracker

View Inventory | Add Inventory | Totals | Bulk Edit | **Reconciliation**

Find Individual or Gro
Search

- + Research Management
- + Inspections
- + Demonstration Lab
- + ChemTracker
- + Research Tools
- + My Account

Reconciliation History

Spaces: Select one Status: Finalized & In Progress

Started After: 2021-12-01 Started Before: Started Before

Displaying 1 - 2 of 2 results

Space ↑	Group Name ↑	Date Started ↑	Started By ↑	Status ↑	Bench ↑	Shelf ↑	View/Edit
Science Hall - 214	Cassidy Lab	2022-06-09	Cassidy, Linda	In Progress			View/Edit
Science Hall - 214	Cassidy Lab	2021-12-21	Cassidy, Linda	In Progress			View/Edit

Start a New Reconciliation

On the next page, select the Space where the chemicals are located, click on Use Checklist, and then click Submit.

Chemical Reconciliation

Use the filters below to select the parameters for a new reconciliation event. The parameters selected will generate the list of chemical containers to check. Building, space, bench, shelf, and group selected are additionally kept throughout the reconciliation for relocating containers as needed.

Group: Demonstration Lab

Space: * Science Hall - 501

Bench: Select one

Shelf: Select one

Specific Location Note: Specific Location Note

Enter Container IDs (Barcodes or RFID tags)

Use Checklist (no Barcodes or RFID tags)

Submit

The parameters selected above apply to **4 containers**

ChemTracker will then generate a list of all chemicals that had previously been entered in your laboratory that can be compared against the chemical containers that are currently physically present in the laboratory space.

For assistance or questions about maintaining your laboratory chemical inventory in ChemTracker, contact Laboratory Safety at LabSafety@Rowan.edu or at 856.256.5105.