



SciShield: ChemTracker

User Manual

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How do I edit the barcode or RFID tag number for a container, Editing Barcode, or RFID Tag Number for a Container?

- Barcode and RFID tag numbers are tracked in the “Container ID” field. This is also referred to as the “Unique Container ID.” This number must be unique at your organization's inventory, including deleted inventory. The system will check for this when inventory is added and edited.
- To change the Container ID, navigate to the container in the system. Click “Edit” for that container.
- Enter the new ID number and click “Update” at the bottom of the screen.

View

Edit

Edit Chemical Container

Look Up Chemical Name or CAS Number

Chemical: *

☒ Chemical Name ☐ CAS Number ☐ Product Name or Number

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

Group Name: *

[Reset](#)

Location (space):

[Reset](#)

Amount:

Units:

Container Status: *

Unique Container ID: *

[Additional Details](#)

☐ Controlled Substance?

Update

Remove

Cancel

What barcodes and scanners can I use with ChemTracker? What about QR codes or RFID tags?

Should I use barcodes, RFID tags, or QR codes?

Barcodes or RFID tags are preferred. QR codes are not recommended as the ID numbers are not transferable. Please see <https://www.scishield.com/community-hub/understanding-chemical-inventory-management-tools> for more background.

What labels should I use?

Any standard barcode labels can be used with ChemTracker. Most special characters should be avoided though.

If possible, we recommend that the IDs start with a letter or a number other than zero, as Microsoft Excel often removes leading zeros from lists of numbers. Any labels should be ordered as sequential numbers (typically the default unless otherwise specified), and the numbers should be unique without duplicating any container ID numbers already in SciShield.

Piggyback labels are a great option as they have a second adhesive back that can be used when the label is removed – when a container is empty, the user can remove and re-stick the label to a sheet where labels for empty containers are collected. These empty container labels can then be scanned and deleted via bulk edit.

What scanners work with ChemTracker?

For scanners, any basic scanner which connects to a computer or mobile device should work with ChemTracker. The device connects to the computer and works similar to a keyboard, translating the visual label to the text of the ID number. Zebra brand scanners are a commonly used brand, such as the models Zebra Symbol LI4278 1D cordless and Zebra Symbol LS2208-7AZU0100ZNA Barcode Scanner, Handheld. Some scanners have Bluetooth capability for use with mobile devices.

Please note that SciShield Support is not equipped to provide technical support or assistance in connecting hardware (including scanners) to a computer or mobile device. If you may require troubleshooting assistance with a scanner, please purchase it from a company such as Electronic Imaging Materials that has support packages available for hardware.

What are some best practices for using barcode labels or RFID tags with ChemTracker?

Should I use barcodes or RFID labels?

Either works with ChemTracker, as the label corresponds to a number that becomes the Container ID. RFID tags have a higher upfront cost, but may have lower labor costs for future inventory reconciliations.

Is barcoding required?

No, ChemTracker can be used with or without barcode labels.

What type of barcode labels are recommended?

Quality chemical resistant piggyback labels are the best. They make it more likely that the empty containers will be logged. We recommend having a paper or even a prominent poster in each room where the staff can stick the labels from empty containers. Typically, this is kept by the waste area.

Occasionally customers may order some smaller labels (not always piggyback) and freezer-specific labels (definitely not piggyback) for specialty uses. An alternative is to stick the barcode on small bottles more like a “flag” than directly on the bottle, if it is very small.

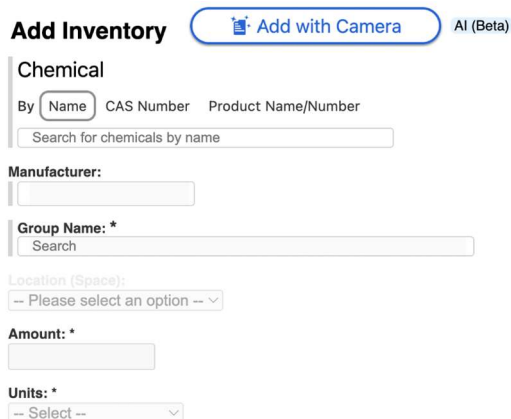
The barcodes can be a mix of numbers and letters. Each barcode must be unique within the system (automated checks make sure that happens). If possible, we highly recommend starting the numbering with a letter or with a number that is not zero. SciShield handles those numbers fine, but Microsoft Excel unfortunately has a tendency to remove those leading zeros.

- For scanners, any basic scanner which connects to a computer or mobile device should work with ChemTracker. The device connects to the computer and works similar to a keyboard, translating the visual label to the text of the ID number. Zebra brand scanners are a commonly used brand, such as the models Zebra Symbol LI4278 1D cordless and Zebra Symbol LS2208-7AZU0100ZNA Barcode Scanner, Handheld. Some scanners have Bluetooth capability for use with mobile devices.
- Please note that SciShield Support is not equipped to provide technical support or assistance in connecting hardware (including scanners) to a computer or mobile device. If you may require troubleshooting assistance with a scanner, please purchase it from a company that has support packages available for hardware.

What is ChemSnap AI? What is "Add with Camera" in ChemTracker? How does it work?

ChemSnap AI is a new tool to use your smartphone to add chemical inventory by taking a picture. This tool is backed by AI technology, going beyond just a simple photo to text functionality, to help you quickly and painlessly add chemicals into inventory.

For a how-to on using ChemSnap AI, please see: [How do I add chemical inventory by camera? How can I add chemicals with a photo \(ChemSnap AI\)?](#)



Add Inventory **Add with Camera** AI (Beta)

Chemical

By CAS Number Product Name/Number

Manufacturer:

Group Name: *

Location (Space):

-- Please select an option --

Amount: *

Units: *

-- Select --

Behind the scenes, ChemSnap uses Artificial Intelligence/Machine Learning capabilities to translate your inventory photo into data for ChemTracker.

ChemSnap will fill in as many of the following as possible:

- Chemical identity (including chemical name and/or CAS number)
- Container size
- Manufacturer
- Lot number
- Product name
- Product number

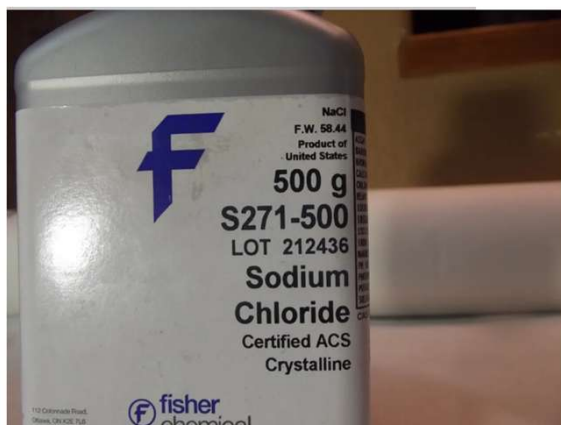
How do I add chemical inventory by camera? How can I add chemicals with a photo? How to use ChemSnap AI?

Go to "Add Inventory" in ChemTracker

This feature is still in beta and not yet available to all users or sites. Please contact your SciShield administrator if you do not have access and expected to.

The screenshot shows the 'Add Inventory' form in ChemTracker. At the top, there is a header 'Add Inventory' followed by a blue button labeled 'Add with Camera' with a camera icon, and a label 'AI (Beta)'. Below this is a section for 'Chemical' with a search bar. The search bar has a dropdown menu with options 'By Name', 'CAS Number', and 'Product Name/Number'. The 'By Name' option is selected, and the search bar contains the text 'Search for chemicals by name'. Below the search bar is a 'Manufacturer:' label and a text input field. Below that is a 'Group Name: *' label and a search bar with the text 'Search'. Below the search bar is a 'Location (Space):' label and a dropdown menu with the text '-- Please select an option --'. Below the dropdown menu is an 'Amount: *' label and a text input field. Below the text input field is a 'Units: *' label and a dropdown menu with the text '-- Select --'.

1. Click "Add with Camera"
2. **If on a mobile device**, when prompted, open the camera app on your phone
3. **If on a laptop or desktop computer**, when prompted, upload a photo of the chemical container taken previously
4. Take **one** clear, detailed-focused photo of the label, showing as much of the chemical name as possible.



5. Complete the rest of the form (such as space) and click Create at the bottom of the screen

Adding and Removing ChemTracker Inventory (Video)

How do I add chemical inventory to my group or lab?

Adding Chemical Inventory

- Expand the menu for your group/lab in the left-hand menu
- Click "ChemTracker" in the menu
- Click the "Add Inventory" link in the submenu
- Enter the information for the specific chemical container you are adding to your inventory
- Search for the chemical that you are adding to your inventory. Results for pure chemicals, mixtures, buffers, and commercial products will be listed.
 - Note: If you cannot find the chemical in the dropdown, select “None of the above” to enter an unlinked chemical (a chemical outside of the database). Unlinked chemicals are not connected to the central ChemTracker chemical database; these chemicals specific to your organization's instance of BioRAFT will not have hazard and regulation data associated to them from the central database.

- 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 your organization's Health and Safety Team to have your group/lab added to the space.
- If using barcodes, the barcode number would be entered in the “Unique Container ID” field. Otherwise, this field may be left blank and the system will auto-generate a unique ID number.

ChemTracker: Add Inventory Tools Bulk Edit Find Other Chemicals

Add Chemicals to Barth Lab
(Click to Chemical Name or CAS Number)

Chemical Name:
☒ Chemical Name ☐ CAS Number ☐ Product Name or Number
Select the chemical space to be entered in the database.

Chemical Number:
Product Name or Number:

Location (Space):

Amount:
Units:

Container Count:

Container Status: ☒ Normal ☐

Unique Container ID:

• Additional Details

☐ Controlled Substance?

- The “Additional Details” section may be used if there is more information needed to track for the chemical container

Additional Details

Bench:

Shelf:

Specific Location Note:

Manufacturer:

Product Name:

Product Number:

Date Received:
Format: 2020-07-02

Expiration Date:
Format: 2020-07-02

Purchase Order:

Notes:

☐ Controlled Substance?

Why can't I find a chemical in ChemTracker?

The ChemTracker Module is connected to SciShield's Chemical Database, which includes over 90% of chemicals used in Laboratories. The Database provides information about each chemical, such as regulatory and physical property data.

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

Add Chemicals to Mcfall Lab

Look Up Chemical Name or CAS Number

Chemical: *

Benz

- Benz(G)isoquinoline-5,10-dione (Solid)
- Benzaldehyde-d (Liquid)
- Benzanthracene-7,12-dione (Solid)
- Benz(c)acridine (Solid)
- Benz(d)indol-2(1H)-one (Solid)
- Benz(d)indeno[1,2-b]pyran-5,11-dione (Solid)
- Benz(j)aceanthrylene (Solid)
- Benzal bromide (Liquid)
- Benzal diacetate (Solid)
- Benzaldehyde (Liquid)
- Benzaldehyde 2,4-disulfonic acid disodium salt (Solid)
- Benzaldehyde dimethyl acetal (Liquid)
- Benzaldehyde oxime (Solid)
- Benzaldehyde phenylhydrazine (Solid)
- Benzaldehyde tosylhydrazine (Solid)
- Benzaldehyde, 2,3-difluoro- (Liquid)
- Benzaldehyde, 2,4,5-trifluoro- (Liquid)
- Benzaldehyde, 2,5-difluoro- (Liquid)
- Benzaldehyde, 2-fluoro- (Liquid)
- Benzaldehyde, 3,5-difluoro- (Liquid)
- None of the above

Normal

Unique Container ID: *

Additional Details

☐ Controlled Substance?

Submit Add Another

When adding inventory to your group/lab, you are searching against this Database. You may find the chemical you are searching for is not currently tracked in the Database. Even though there is no match in the database, you can still track the chemical as an "unlinked chemical." Unlinked chemicals do not have regulatory or physical property data associated with the chemical, but you will still be able to report on totals and manipulate the container in other ways.

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

Add Chemicals to Mcfall Lab

Look Up Chemical Name or CAS Number

Chemical: *

Novel Benzene

None of the above

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

Location (space):

-- Select -- Reset

Amount:

Units:

-- Select --

Container Count: *

1

Container Status: *

Normal

Unique Container ID: *

Additional Details

☐ Controlled Substance?

Submit Add Another

If you would like an unlinked chemical to be added to the Database, please reach out to the SciShield Support Team at Support@SciShield.com to request the form to add a chemical to the Database. The submitted form will be reviewed by our team of Database Curators.

How do I reactivate/restore deleted inventory?

Viewing Deleted Inventory

- Navigate to the main ChemTracker page for your group/lab to view the inventory.
- Under the "Show Advanced Filters" section, select the "Only Removed Containers" box.

Chemical Containers
Displaying 1 - 50 of 483 results

Download ⓘ Filters 1 Settings Expand

Chemical Name	CAS Number	Chemical Synonym
Group Name	Building	Reagent
Chemical Owner ⓘ	Physical State	Department/Unit
Site/Campus	Last Updated After ⓘ	Last Updated Before
Product Name	Container Expires After	Container Expires Before
Chemical Hazards	Database Linkage Status ⓘ	Storage Group
Bench	Shelf	Specific Location Note
SDS Origin	SDS Document Date After	SDS Document Date Before
☐ Controlled Substance	☒ Only Removed Containers	Notes
Container IDs		
Comma-delimited (or one per line) list of Container IDs		
☐ Starts With		

Hide Advanced Filters Clear All

Reactivating (Undeleting) Individual Containers

- Once the deleted containers are viewable from the main inventory screen, utilize the filters as needed to narrow down the containers list. Scroll to the right in the table and click the "Container ID" link next to the container you would like to reactivate.

SDS Origin
 SDS Document Date After
 SDS Document Date Before

☐ Controlled Substance
 ☒ Only Removed Containers
 Notes

Container IDs
 Comma-delimited (or one per line) list of Container IDs

☐ Starts With

[Hide Advanced Filters](#)
[Clear All](#)

Chemical Name ↓	Location ↓	Container ID ↓	Removed	Bench
"Methane in Argon/Helium/Nitrogen or Air mixture (non-flammable)", as COMPRESSED or LIQUEFIED GASES, NON-FLAMMABLE, NON-TOXIC, n.o.s.	Burchard Research Facility - 160	C-20005423	Removed	
(+)-B-Methoxydiisopinocampheylborane	Cohn Center for Science Research - 200	C19713E	Removed	
(+)-Methamphetamine hydrochloride	Burchard Research Facility - 377	C-20036926	Removed	
(+)-Methamphetamine hydrochloride in DMSO	Burchard Research Facility - 158	C-20002707	Removed	
(+)-Methamphetamine hydrochloride in DMSO	Andrews Hall - 180	C-20002708	Removed	

- Go to the "Edit" tab and click the "Reactivate" button at the bottom of the page to complete the process.

[View](#)
[Edit](#)

Edit Chemical Container

Link Up Chemical Name or CAS Number
 Chemical:

☒ Chemical Name
 ☐ CAS Number
 ☐ Product Name or Number
Start typing the chemical name to find the chemical in the database.

Group Name:

Location (space):

Amount:

Units:

Container Status:

Unique Container ID:

Container Attachments

Description	Type	Size	Uploaded on	Remove
There are currently no attachments to list.				

No files selected. No file chosen

[Additional Details](#)

☐ Controlled Substance?

Filter this form

Reactivating (Undeleting) Many Containers in Bulk

Several containers may be bulk reactivated at once utilizing the reconciliation tool. For this specific process, a list of container IDs you need to reactivate is required. That list can be generated using the steps listed above to view/find deleted containers. Utilize the filters as needed to narrow down the containers list. Click the spreadsheet icon in the upper left corner of the page to export the list of deleted containers. Copy the list of container IDs.

1. Navigate to the Reconciliation feature and click the link “Start a New Reconciliation”
2. In Reconciliation **Step 1**
 1. Choose *any* space.
 1. If you carefully follow the instructions below, it does not matter which space you select. The location for the reactivated containers will not be changed.
 2. Use the default option: “Enter Container IDs”
 1. Click the “Submit” button
3. In Reconciliation **Step 2**
 1. Scan or paste the list of Container IDs that you would like to restore into the Container ID box.
 2. Click the “Submit” button below the Container ID box.
 1. Note that these containers will *not* be shown in the table at the bottom of the page. Ensure that no containers in the table are checked.
 3. Click the “Next” button
4. In Reconciliation **Step 3**
 1. Use “Select All” to *de-select* everything on this page. Confirm everything is de-selected, you may need to click the “Select All” check box twice to do this.
 2. Click the “Next” button.
5. In Reconciliation **Step 4**
 1. Use “Select All” to *select* everything on this list. These are the containers you will be reactivating.
 2. Click the “Next” button.
6. In Reconciliation **Step 5**
 1. Use “Select All” to *de-select* everything on the list. You do not want to change the location of these records.
 2. Click the “Next” button.
7. In Reconciliation **Step 6**
 1. Finalize your reconciliation.
 2. The containers are now restored to active inventory.
 3. For a detailed walk through of the reconciliation process, navigate to <https://www.scishield.com/product-video-page/chemtracker-inventory-reconciliation-for-group-members>.

How do I change the chemical name or physical state listed for a container?

The chemical name and physical state for each chemical container can be changed. For a single container, click on the "Edit" link for that container from the main inventory page (may require scrolling to the right). Use the lookup in the "Chemical" section to find and select the relevant chemical, then click the "Update" button at the bottom of the screen to save.

View Edit

Edit Chemical Container

Look Up Chemical Name or CAS Number

Chemical: *
(3-Acetamidophenyl)boronic acid (Solid)

☒ Chemical Name ☐ CAS Number ☐ Product Name or Number
Start typing the chemical name to find the chemical in the database.

Location (space):
Cambridge Production Center - 101

Amount: *
45.00000000

Units: *
g

Container Status: *
Normal

Unique Container ID: *
C-20000529

This same process may also be done for many containers of the same chemical using the "Bulk Edit" tool. Select the containers to change, click "Edit Selected Containers" at the bottom of the page, and utilize the same chemical lookup tool on the following screen. Click "Apply Changes" and "Confirm" to finalize.

What is "Container Status" and how do I change it? How do I mark a container as "Surplus"?

Container status determines if a container will show in the peer chemical search tool ("Find Other Chemicals", see [How do I search for inventory in other groups or labs at my organization?](#)).

Three statuses available:

- Normal - Container shows to other groups in "Find Other Chemicals".
- Hidden - Container will not show to other groups using "Find Other Chemicals". Organization safety and compliance teams and central inventory management staff will still see the container.
- Surplus - Container shows to other groups in "Find Other Chemicals" labeled as surplus.

This status can be edited for individual containers or utilizing the Bulk Edit tool.

How do I assign a SDS Document to Containers in bulk?

When viewing your inventory, you will have the ability to assign specific SDS Documents to specific Containers. SciShield allows you to link either local documents, external linked documents, or documents found through our SDS search.

The UI to accomplish this can be found by scrolling over in your group's Chemical Inventory page until you find the "SDS Assignment Level" and "SDS Attachments" columns.

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

View Mcfall Lab Inventory

Displaying 1 - 18 of 18 results

Chemical Name: CAS Number: Chemical Synonym:

Spaces:

Show Advanced Filters

Chemical Name	SDS Assignment Level	SDS Attachments	View SDS	Location
Acetate kinase	Local Upload	Add SDS	View	Andrews Hall -
Acetone	Centralized Database	Add SDS	View	Wolstein Schod Engineering - 1
Acetone	Centralized Database	Add SDS	View	Andrews Hall - (Microscope R)
Acetone	Centralized Database	Add SDS	View	Andrews Hall - (Microscope R)
Acetone	Centralized Database	Add SDS	View	Andrews Hall - (Microscope R)

Clicking in to the "Add SDS" link next to a container will bring up a window that will allow you to either select an SDS found through our SDS Search, upload a local document, or add an external link.

Assign SDS to Container

Container Data

Chemical Name: Acetone
Product ID: C-20005976
Manufacturer: C-20005976

Selected SDS and Central Database Options

Select	Title	Source	Document Date	Origin	View
☐	Acetone	CMC Materials	12/16/2020	Centralized Database	View
☐	Acetone	LabChem, Inc	10/16/2020	Centralized Database	View
☐	R6253-029 (CP CANISTER)	Choice Adhesives	6/3/2021	Centralized Database	View
☐	15 OZ PROCLEAN S.S. CLEANER 999 LB 12PK	NICHOLS PAPER & SUPPLY COMPANY	6/1/2021	Centralized Database	View
☐	DCM 501 Spray UV Thinner	DURACHEM SON BHD	5/23/2021	Centralized Database	View
☐	DCM 446 Spray Thinner	DURACHEM SON BHD	5/23/2021	Centralized Database	View
☐	DCM 446 Spray Thinner	DURACHEM SON BHD	5/23/2021	Centralized Database	View
☐	ARMAFLEX 520 ADHESIVE	ARMACELL AUSTRALIA PTY LTD	5/18/2021	Centralized Database	View
☐	Resufor 3528 Epoxy Resin (Part A) Clear	THE SHERWIN-WILLIAMS COMPANY	5/16/2021	Centralized Database	View
☐	Hi-Temp Paint	Aerove Industries Inc.	5/3/2021	Centralized Database	View

Assign SDS to Container

Relevant SDS not listed above? Choose from options below to select a new SDS for the chemical.

☐ Upload SDS
☐ Assign SDS as URL/link

Cancel

Select	Title	Source	Document Date	Origin	View
☐	KRYLON CoverMax Performance Paint Semi-Gloss White	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Interior/Exterior Paint, Glossy White (OSHA White)	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial TOUGH COAT Acrylic Enamel, Ford Blue	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial ACRYLI-QUIK Flat White	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial ACRYLI-QUIK Banner (Safety Red)	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial TOUGH COAT Acrylic Enamel, Cordova Brown	Krylon Products Group	4/12/2021	Centralized Database	View
☐	Krylon ColorMaster with Covermax Technology Paint + Primer Gloss White	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Sandable Primer Ruddy Brown	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON ColorMaster with Covermax Technology Paint + Primer Gloss Leather Brown	Krylon Products Group	4/12/2021	Centralized Database	View
☐	Krylon Industrial Tough Coat Rust Control Primer, Light Gray	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial ACRYLI-QUIK Leather Brown	Krylon Products Group	4/12/2021	Centralized Database	View
☐	KRYLON Industrial TOUGH COAT Acrylic Enamel OSHA Safety Black	Krylon Products Group	4/12/2021	Centralized Database	View

Once you find the appropriate SDS Document and assign it to that container, the box will prompt you to optionally apply this SDS to all other containers of that chemical in the group.

Bulk Assign SDS to Similar Containers

• SDS assigned to container C-20005976

SDS Information

Title: KYRLON Acetone
Source: Krylon Products Group
Origin: Centralized Database

3 other containers of this chemical were found. Containers already assigned to this SDS are excluded. Select and filter results below to assign this SDS to additional chemical containers.

Filters

Chemical Synonym: Filter by chemical synonyms
Manufacturer: Filter by manufacturer
Product Name: Filter by product

☐	Chemical Name	Manufacturer	Product Name	Container ID	Notes
☒	Acetone			C-20005974	
☐	Acetone			C-20005975	
☒	Acetone			C-20006015	

Note: If you bulk assign a SDS Document to many containers, the system will queue up that work in the background. It may take up to 10 minutes to complete the work.

How do I move or delete multiple containers at once for my group or lab?

Using the Bulk Edit Tool

- The bulk edit function is valuable for editing or deleting many records at one time.
- To access this feature, click "Bulk Edit" from the ChemTracker submenu.
- Enter the relevant search parameters and click the "Submit" button to narrow down the search results.
- Select the containers you would like to edit by either individually checking the box next to the chemical or clicking the "Select All" option in the first column of the table.

ChemTracker | Add Inventory | Totals | **Bulk Edit** | Reconciliation | 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: CAS Number: Chemical Hazards:

Chemical Synonym: Database Linkage Status: Location (Space):

Physical State: Bench: Shelf:

Notes: Last Changed After: Last Changed Before:

Container IDs (up to 1000):

Comma delimited list of Container IDs

Show 250 entries

Select All	Chemical Name	CAS #	Amount	Unit	Location	Bench	Shelf	Last Changed
☒	2-Boronbenzaldehyde	40138-16-7	100	g	Sene Chemistry Research Building - 132			3/14/2019
☒	4-Boronbenzyl alcohol	59016-93-2	100	g	Sene Chemistry Research Building - 133			3/24/2021
☐	Boron carbide	12069-32-8	100	g	Sene Chemistry Research Building - 134			1/23/2021

Showing 1 to 45 of 45 entries

- Scroll down and click the "Edit selected containers" button in the bottom right corner.

- On the next screen you may indicate the changes you would like to make. Any changes indicated will be applied to all selected containers and overwrite existing data for those containers (such as replacing an existing note). Note: these changes cannot be bulk undone.
- When selecting a new space to move chemical containers, the “Location (Space)” dropdown will only show the spaces associated currently associated to your group or lab within SciShield.
- To complete the updates, click “Apply changes” at the bottom of the page.
- To instead delete these records, click the “Delete all selected” button.

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):

Sene Chemistry Research Building - 132

Select a group to pick a space

Amount:

Units:

-- Select --

Bench:

Shelf:

Specific Location Note:

Expiration Date:

Format: 2021-07-14

Notes:

These changes cannot be undone in bulk.

How do I hide and move columns on the Chemical Containers page in ChemTracker?

Chemical Containers

Displaying 1 - 50 of 3598 results

Download

Chemical Name CAS Number Chemical Synonym

Group Name Building Spaces

Chemical Name	CAS Number	State	Amount	Units	SDS Origin	SDS A
(+)-B-Methoxydisopropylamphiborane	99438-28-5	Solid	25	g	Centralized Database	Add SC
(+)-Terpinen-4-ol	2438-10-0	Liquid	100	ml	Centralized Database	Add SC
(+)-Terpinen-4-ol	2438-10-0	Liquid	75	ml	Centralized Database	Add SC
(-)-Isopropenyl hydrochloride	5984-95-2	Solid	100	mg	URL	Add SC
(1,1-Dimethyl-2-chloroethyl)benzene	515-40-2	Liquid	1.25	l	Centralized Database	Add SC
(1-Methylethyl)phosphonous dichloride	25235-15-8	Solid	50	g	Centralized Database	Add SC

1. Click the "Settings" button in the upper right corner

Chemical Name	Amount	CAS Number	State	Units	SDS Origin	SDS Attachments	View SDS	Group
1,4-Bis(methoxydioxymethyl)benzene	25	69439-36-5	Solid	g	Centralized Database	Add SDS	View	Lilly Lab
1,4-Terphenol-4-ol	100	2439-19-9	Liquid	ml	Centralized Database	Add SDS	View	Lilly Lab
1,4-Terphenol-4-ol	75	2439-19-9	Liquid	ml	Centralized Database	Add SDS	View	Adams Lab
1,4-Bis(methoxydioxymethyl)benzene	100	69439-36-5	Solid	mg	URL	Add SDS	View	Rock Lab
1,1-Dimethyl-2,2-bis(methoxy)benzene	1.25	915-40-3	Liquid	l	Centralized Database	Add SDS	View	Boehr Lab
1,1-Methoxy-2-methoxy-2,2-bis(methoxy)benzene	50	2525-15-8	Solid	g	Centralized Database	Add SDS	View	Boehr Lab
1,2-Acetoxymethylbenzene-1-ol	50	78807-39-5	Solid	g	Centralized Database	Add SDS	View	ChemLab
1-Acetoxymethyl-2-methoxybenzene	1	1439-36-7	Solid	g	Centralized Database	Add SDS	View	Boehr Lab
1-Methoxy-2-methoxy-2,2-bis(methoxy)benzene	750	14704-14-4	Liquid	kg	Add SDS	Add SDS	View	Anderson Lab
1,1,1,2,2-Pentamethyl-2,2-bis(methoxy)benzene-1,2-ol	10	88674-80-0	Solid	g	Centralized Database	Add SDS	View	Boehr Lab
1,1,1,2,2-Pentamethyl-2,2-bis(methoxy)benzene-1,2-ol	100	2439-19-9	Liquid	ml	Local Upload	Add SDS	View	Chemical Research
1,1,1,2,2-Pentamethyl-2,2-bis(methoxy)benzene-1,2-ol	100	1777-03-3	Liquid	ml	Centralized Database	Add SDS	View	Boehr Lab

2. For more screen space, click the "Expand" button and widen your browser window.

3. Click and hold on the multi-dot icon on the column you would like to move. Drag it to the desired position.

4. Uncheck any column you would like to hide.

5. Click the "Settings" button to save.



How do I reconcile my lab or group's chemical inventory?

The ChemTracker reconciliation tool is available to all users with the "Manage Group ChemTracker Inventory" permission.

To see the video guide for this feature, follow the link below:

<https://www.scishield.com/product-video-page/chemtracker-inventory-reconciliation-for-group-members>

What if I want to use a manufacturer for a chemical container that isn't listed?

Q: What if I want to use a manufacturer for a chemical container that isn't listed?

A: Please submit a request to SciShield Support and our database curation team will review the request to add the manufacturer to our database. All submissions are reviewed to avoid typos and duplicate entries, as well as link relevant companies together for SDS auto-match purposes. In the meantime, you can add any desired manufacturer information under the "Additional Details" section.

Why do some containers show as "Container IDs Not in ChemTracker or Without Access"?

Q: Once a reconciliation is finalized, why do some containers show as "Container IDs Not in ChemTracker or Without Access"?

A: After finalizing a reconciliation where barcode or RFID tags were used, some containers may show in the "Container IDs Not in ChemTracker or Without Access" section. There are a few reasons why:

1. If you have group level access (i.e., group member or scientist), the container will show there if it belongs to a group for which you do not have "Manage Group ChemTracker" access
2. The barcode or RFID tag was not yet added into ChemTracker yet (the "ID Exists in ChemTracker" will list "No" in this case)
3. The container was found in step 2 but belonged to a different group or was listed in a different location. Then in step 5 ("Move Containers") the container was not selected for relocation.

Chemical Inventory for Inactivated Labs

Q: When a lab is inactivated, what happens to their chemical inventory?

A: You will still be able to see the containers and the associated lab group in the institution-wide chemical containers page if the lab is inactivated. You will also be able to view the lab's inventory if you navigate to the inactive lab and click on the "ChemTracker" tab. Chemical containers always appear in a general search of the inventory on the chemical containers page unless the container has been deleted. To see deleted containers, click the "Advanced Filter" option and check the "Show Deleted Chemical Containers" box.

How do I search for inventory in other groups or labs at my organization?

Depending on your organization's configurations and preferences, you may be given access to search for inventory in other groups or labs. Inventory can only be edited or moved by the group or lab owning the chemical or by system administrators.

Finding Other Chemicals

- To search for inventory in another group or lab, click the "Find Other Chemicals" link in the ChemTracker submenu.
- From here, you can search for a chemical based on any of the filters provided. Please note that search results may be limited by the building or department associated to your group or lab within the system.

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

Find Other Chemicals Showing 1-25 of 37 results

Filters

Chemical Name: CAS Number: Product Name:

Manufacturer: Container ID: Physical State:

Location (Space):

☐ Surplus

Chemical Name	CAS Number	Amount	Unit	Group	Location	Container ID	Date Changed	Menu
Acetate kinase	9027-42-3	10	ml	McCall Lab	Address Hall - 123	12345	2021-04-07	SIGMA ALDRICH
Acetone	67-64-1	4	L	Wood (Adelphi) Lab	Burchard Research Facility - 374	C-20002637	2021-06-28	
Acetone	67-64-1	4	L	Wood (Adelphi) Lab	Burchard Research Facility - 374	C-20002643	2021-06-28	
Acetone	67-64-1	4	L	Park Lab		C-20002646	2021-06-28	
Acetone	67-64-1	100	ml	McCall Lab	Address Hall - 101 (Microscope Room)	C-20002675	2021-06-28	
Acetone	67-64-1	1	L	Rice (Simone) Lab		C-20002644	2021-06-28	
Acetone	67-64-1	4	L	Wood (Adelphi) Lab	Burchard Research Facility - 374	C-20002640	2021-06-28	

How do I view my group or lab's chemical inventory?

If you do not see your group or lab in the left-hand menu or you see a message about not being part of a group/lab, please contact your organization's Health and Safety Team for assistance updating your information in SciShield.

Viewing Chemical Inventory

- Expand your group or lab's name in the left-hand menu and click "ChemTracker".
- This will bring you to the "ChemTracker" tab to view your current chemical inventory.
- Search for containers within your inventory using the search criteria; click "Show Advanced Filters" to expand the search criteria.
 - Note: If individual container barcode or RFID tags are in use, use the "Container ID" field to search with a scanner.
- Click the pop-out icon in the top right corner of the table in order to expand the table view.

ChemTracker: Add Inventory | Totals | Bulk Edit | Reconciliation | Find Other Chemicals

View Barth Lab Inventory

Displaying 1 - 25 of 300 results

Chemical Name: CAS Number: Chemical Synonym:

Spaces:

[Show Advanced Filters](#)

Chemical Name	CAS Number	State	Amount	Units	SOS Assignment
(1,1-Dimethyl-2-chloroethyl)benzene	515-40-2	Liquid	1.25	l	Centralized Database
(R)-1,1-Phenylethanol hydrochloride	1439-36-7	Solid	2	g	
(R)-1,1-Phenylethanol hydrochloride	61-76-7	Solid	100	g	
1,1-Dichloro-2,2-bis(4-chlorophenyl)ethane	72-54-8	Solid	1	ml	Centralized Database
1,2-DICHLOROETHYLENE (BSC)	156-59-2	Liquid	1.8	l	Centralized Database
1,2-DICHLOROETHYLENE (BSC)	156-59-2	Liquid	2	l	Centralized Database
1,2-Dimethoxyethane	110-71-4	Liquid	1	l	Centralized Database

Viewing Chemical Totals

- The "Totals" page adds up the total amounts of each chemical in your group or lab's inventory.
- To access chemical totals, click the "Totals" link within the "ChemTracker" submenu.
- The "Display Units" dropdown allows you to instantly update the units for all chemicals in the table (i.e., display in grams).

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

Barth Lab Chemical Totals

Showing 1-25 of 122 results

Filters:

Chemical Name: CAS Number: Building:

Physical State: Location (Space):

Chemical Hazards: Display units:

[Submit](#)

Chemical Name	CAS #	State	Amount	Units	Total Containers
(1,1-Methylethylammonium hydrochloride)	51-67-0	Solid	0.10	kg	1
(R)-1,1-Phenylethanol hydrochloride	61-76-7	Solid	0.10	kg	1
1,2-Dimethoxyethane	110-71-4	Liquid	1.00	L	1
1,2-Propanediol	57-05-6	Liquid	3.79	L	1
1,3,5-Butadiene chloride		Solid	0.00	kg	1
1,3-Butanediol	107-69-0	Liquid	1.00	L	1
1,4-Dioxane	123-91-1	Liquid	0.18	L	2
1,4-Butanediol	106-69-9	Gas	3,964,359.00	CC	1
1-Propanol	71-23-8	Liquid	100.00	L	2
1-Propanol, 3,3-Thiodi-	680-69-1	Liquid	0.11	L	2
18-Crown-6	17455-13-9	Solid	0.03	kg	2
10,10-Pentamethylene-1,2-diol	307-37-9	Solid	0.25	kg	2

How do I use the Chemical Owner field for chemical containers?

The Chemical Owner field may be used to indicate if a specific group member is responsible for a specific chemical container. Only a member of the group owning a container may be designated as the chemical owner.

No permissions are associated with being a chemical owner. All group members with "View Group ChemTracker" can see all containers in the group, regardless of the Chemical Owner assigned.

This may be edited in two ways:

- For an individual container - from the container page, click "Edit."
- For many containers at once - Use Bulk Edit.