

CU Chemical Inventory Management System

Special points of interest:

- Logging onto the system
- Searching for a Chemical
- Adding/ Editing a chemical entry
- Printing your Inventory

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Main Purpose of the CU Chemical Inventory Management System

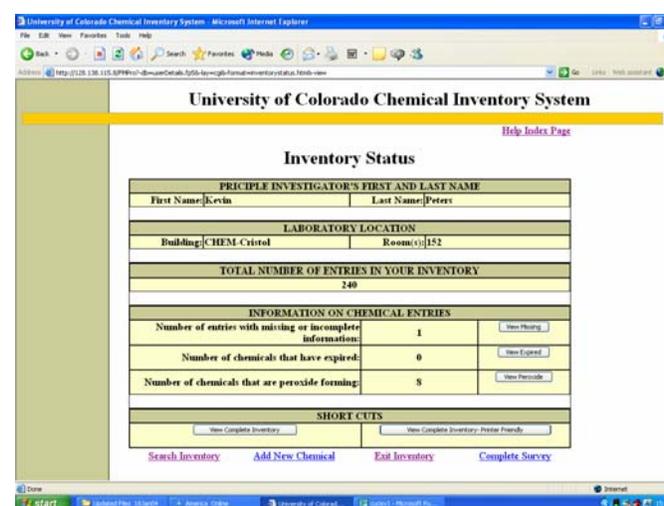
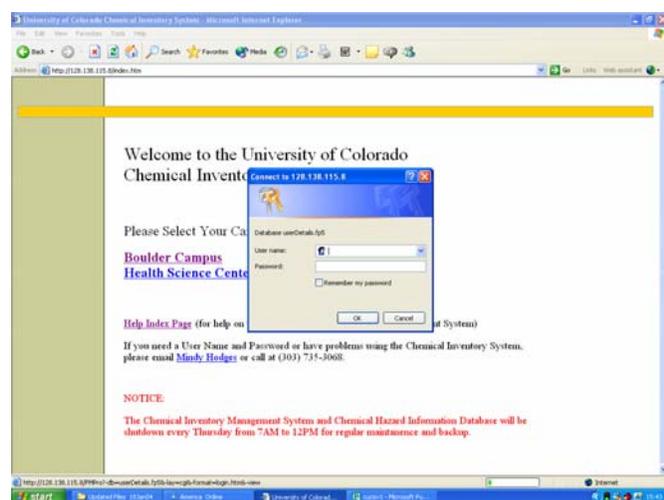
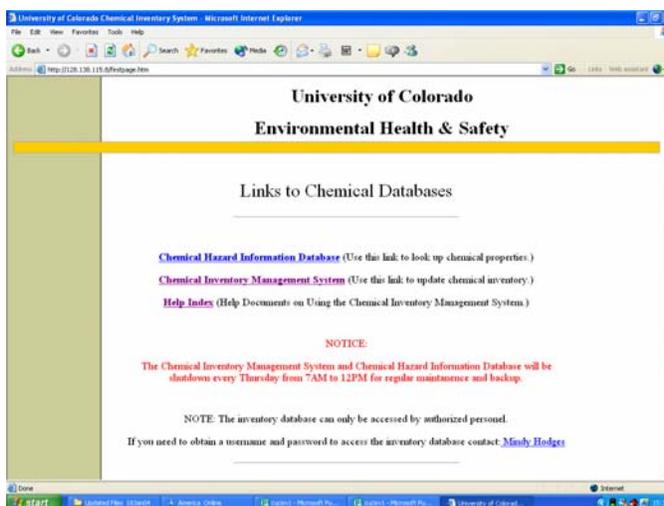
The goal of the University of Colorado Chemical Inventory Management System is to serve as a compilation site of all of the chemical inventories from all the research laboratories and maintenance shops on the Boulder campus in addition to providing safety information and direct links to MSDS for all the chemicals. Utilizing the user-friendly format and direct links for chemical safety information provided in this system, research personnel will be able to actively maintain their chemical inventory while at the same time become more aware of the hazards of each of their chemicals. Turning the chemical inventories into active inventories will provide a more accurate account of what chemicals are actually in the laboratories at any given time. This more accurate account of chemical presence in the laboratories/workshops allows the system to become a tool in any emergency response situation that requires identifying chemicals present that may require special treatment/handling dur-

Capabilities of the CU Chemical Inventory Management System

- Search your chemical inventory. Utilize the capability to search the contents of your inventory by chemical name, CAS number, chemical formula, building, room number, NFPA flammability rating, NFPA reactivity rating, NFPA health rating, NFPA and miscellaneous ratings.
- Add or Edit the information for any of your chemicals in your inventory. There are many optional fields that you may include information about your chemical, including mixture components and concentrations, storage location descriptions, purchase information, and general usage or experiment information.
- Have immediate access to safety information about your chemicals. The available information includes NFPA ratings, direct links to Material Safety Data Sheets (MSDS) as well as direct link to the CU Chemical Hazards Information Database for additional information about the chemical.

Logging on to the System

- To access the link to the Chemical Inventory Management System, go to the EH&S homepage, <http://ehs.colorado.edu/>. Select [UCB Chemical Tracking System](#) under EH&S Quick Links.
- Click on the link "[Chemical Inventory Management System](#)". An index page will appear. Select the appropriate campus link, either [Boulder Campus](#), [Health Science Center](#) or [Auroria Campus](#).
- A Login Dialogue will appear. Enter your User Name and Password, (User Name and Password are not case sensitive), then press **OK**. If you do not have a User Name and Password, contact Mindy Hodges at 303-735-3068 or by email at Melinda.Hodges@Colorado.EDU.
- If you entered an invalid User Name or Password, another prompt will come up for you to reenter your User Name and Password. After three consecutive failed attempts of entering a User Name and Password, a dialog will appear notifying you that you do not have access privileges to perform the action to view. At this point, if you click the OK button, it will bring you back to the Index page, where you can select [Boulder Campus](#) and then attempt to enter a valid User Name and Password again.
- If you entered a valid User Name and Password, your Inventory Status Page will appear. The Inventory Status Page will display the Principle Investigator's First and Last Name, Building, Room Numbers and number of entries in the chemical inventory. You have successfully entered the Chemical Inventory System and are ready to choose from several options which include viewing the chemical entries that are incomplete, viewing chemicals that have expired, viewing chemicals that are



Searching Your Inventory

- To search your chemical inventory you must be on the Search Page. If you are on a different page, check at the bottom of the page for the [Search Inventory](#) link.
- See the description of the Search Page if necessary (also available by using the [Help Index](#) Link).
- Enter your criteria that you want to use to search your inventory.
- If you enter multiple selections on the search page, only chemicals that match all the requirements will be found in the search.
- If you are not sure of a spelling of a chemical name, enter just part of the name.
- If you enter no selections on the Search Page and select the SEARCH button, your whole inventory will be brought up.
- Select the information that you want to see in your search results before you submit your search. You can select which information, the order you want them to appear as well as which fields to sort by and what order.
- When you have finished selecting all the criteria and the information to be viewed in the search results, select the SEARCH button to submit your search.

Printing Your Inventory and/or Search Results

- You may print from any screen using the Print command (under File) in your Browser Menu Bar.

University of Colorado Chemical Inventory System

Search Results

Displaying Chemicals 1 through 25 of the 240 Chemicals Found.

Chemical Name	Building	Room Number	Container Size and Units	Number of Containers	Storage Location
Acetone	CHEM	152	4 Liter (L)	1	Hood
Acetonitrile	CHEM	152	4 Liter (L)	1	Hood
Benzene	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl chloride	CHEM	152	1 Liter (L)	1	Hood
Bromopropane	CHEM	152	100 Milliliter (mL)	1	Hood
2-butanone	CHEM	152	100 Milliliter (mL)	1	Hood
n-butyl alcohol	CHEM	152	4 Liter (L)	1	Hood
t-butyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
butyronitrile	CHEM	152	500 Milliliter (mL)	1	Hood
carbon tetrachloride	CHEM	152	4 Liter (L)	1	Hood
chlorobenzene	CHEM	152	500 Milliliter (mL)	1	Hood
chloroform	CHEM	152	4 Liter (L)	1	Hood
cyclohexane	CHEM	152	4 Liter (L)	1	Hood
diethyl carbonate	CHEM	152	1 Liter (L)	1	Hood
dimethyl sulfoxide	CHEM	152	500 Milliliter (mL)	1	Hood
N,N-dimethylamine	CHEM	152	250 Milliliter (mL)	1	Hood
N.N.					

- For a printer friendly version of any search results you generate, select the printer friendly link located in the top right of the search results page. This will generate a screen that is black and white without most of the graphics.

University of Colorado Chemical Inventory System

Search Results

Displaying Chemicals 1 through 25 of the 240 Chemicals Found.

Chemical Name	Building	Room Number	Container Size and Units	Number of Containers	Storage Location
Acetone	CHEM	152	4 Liter (L)	1	Hood
Acetonitrile	CHEM	152	4 Liter (L)	1	Hood
Benzene	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl chloride	CHEM	152	1 Liter (L)	1	Hood
Bromopropane	CHEM	152	100 Milliliter (mL)	1	Hood
2-butanone	CHEM	152	100 Milliliter (mL)	1	Hood
n-butyl alcohol	CHEM	152	4 Liter (L)	1	Hood
t-butyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
butyronitrile	CHEM	152	500 Milliliter (mL)	1	Hood
carbon tetrachloride	CHEM	152	4 Liter (L)	1	Hood
chlorobenzene	CHEM	152	500 Milliliter (mL)	1	Hood
chloroform	CHEM	152	4 Liter (L)	1	Hood
cyclohexane	CHEM	152	4 Liter (L)	1	Hood
diethyl carbonate	CHEM	152	1 Liter (L)	1	Hood
dimethyl sulfoxide	CHEM	152	500 Milliliter (mL)	1	Hood
N,N-dimethylamine	CHEM	152	250 Milliliter (mL)	1	Hood
N.N.					

Chemical Inventory Search Results

Chemical Inventory

PI: Even Peters

Chemical Name	Building	Room Number	Container Size and Units	Number of Containers	Storage Location
Acetone	CHEM	152	4 Liter (L)	1	Hood
Acetonitrile	CHEM	152	4 Liter (L)	1	Hood
Benzene	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
Benzyl chloride	CHEM	152	1 Liter (L)	1	Hood
Bromopropane	CHEM	152	100 Milliliter (mL)	1	Hood
2-butanone	CHEM	152	100 Milliliter (mL)	1	Hood
n-butyl alcohol	CHEM	152	4 Liter (L)	1	Hood
t-butyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
butyronitrile	CHEM	152	500 Milliliter (mL)	1	Hood
carbon tetrachloride	CHEM	152	4 Liter (L)	1	Hood
chlorobenzene	CHEM	152	500 Milliliter (mL)	1	Hood
chloroform	CHEM	152	4 Liter (L)	1	Hood
cyclohexane	CHEM	152	4 Liter (L)	1	Hood
diethyl carbonate	CHEM	152	1 Liter (L)	1	Hood
dimethyl sulfoxide	CHEM	152	500 Milliliter (mL)	1	Hood
N,N-dimethylamine	CHEM	152	250 Milliliter (mL)	1	Hood
N,N-dimethylformamide	CHEM	152	500 Milliliter (mL)	1	Hood
ethanol	CHEM	152	1 Pint (pt)	1	Hood
ethyl acetate	CHEM	152	4 Liter (L)	1	Hood
hexamethylenetetramine	CHEM	152	100 Milliliter (mL)	1	Hood
hexane	CHEM	152	4 Liter (L)	1	Hood
isopropanol	CHEM	152	500 Milliliter (mL)	1	Hood
isooctyl alcohol	CHEM	152	500 Milliliter (mL)	1	Hood
2-methoxyethanol	CHEM	152	1 Liter (L)	1	Hood

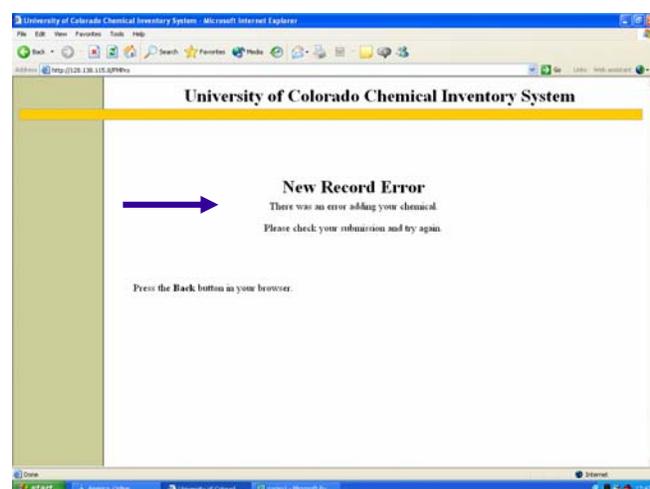
Adding a Chemical to Your Inventory

- You must be on the Add a New Chemical Page to add a chemical. You can get there by selecting the [Add New Chemical](#) link on the Inventory Status Page.
- See the description of the [Add New Chemical Page](#) for complete details of the page. (Accessible from [Help Index](#))
- Each entry may represent one chemical compound, stored in the same location. Two containers of the same size, containing the same chemical, maybe put on the same entry. Two containers of different size containers, containing the same chemical must be entered separately.
- Make sure you complete all the fields with a red asterick (*). You will not be able to submit the new chemical record with these fields incomplete.
- Enter only ONE name in the chemical name field. Use the synonym field, located in the Additional Information Section, to enter any additional synonyms.
- Do not enter concentrations in the chemical name field. There is a concentration field that you may use for this purpose.
- If you enter a gaseous chemical, make sure you select the volume of the cylinder. There is a diagram available that lists common cylinder sizes and their average volumes by selecting the Cylinder Size button.

Adding a Chemical to Your Inventory cont.

- If you try to submit a chemical entry without all the required fields, an error message will appear that states which field you are missing.
- If you get an error on trying to submit a new chemical, and you completed all the required fields, most likely you have entered an invalid date format.
- If you get an error, use the BACK button on your browser to return to the previous page and make any necessary changes. You can then resubmit the chemical.

The screenshot shows the 'University of Colorado Chemical Inventory System' form in Microsoft Internet Explorer. The form includes fields for 'Chemical Name', 'Solvent', 'Concentration', 'Physical State', 'Container Size', 'Units of Measure', and 'No. of Containers'. Below these are sections for 'For A Mixture' with 'Component A', 'Component B', and 'Component C' fields. Further down are 'Building', 'Location Description 1', 'Location Description 2', and 'Location Description 3'. At the bottom are sections for 'PURCHASE INFORMATION' (Manufacturer, Product #, Lot #, Date Purchased, Date Opened) and 'SAFETY INFORMATION' (Date Expires, Date Tested, Date Treated). A small error dialog box is open over the 'Building' field, displaying a warning icon and the message 'Please enter a Chemical Name.' A blue arrow points from the left towards the dialog box.



Duplicating a Chemical Record

- Bring up the chemical that you want to duplicate (by doing a search).
- Go to the record detail page for that chemical, by clicking on the chemical name in the search results.
- At the bottom of the Record Detail Page is a Duplicate button. Select the button.
- This will bring you to a page that says you have successfully updated a chemical. (added a chemical)
- To go to the newly created chemical record (through duplication) select the [Go to Last Record](#) option.
- This will bring you to the record detail page for the new chemical. You can make any necessary changes.

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

Chemical Inventory Management System

Chemical Information

Required information

GENERAL INFORMATION		
*Chemical Name: 1,1,1-trichloroethane	*Delete Record: <input type="radio"/> Yes <input checked="" type="radio"/> No	
Solvent: _____	Concentration: _____	*Physical State: Solid
*Container Size: 2.5	*Units of Measure: Gram (g)	*# of Containers: 1
For A Mixture:		
Component A: _____	Concentration: _____	A: _____
Component B: _____		B: _____
Component C: _____		C: _____
STORAGE INFORMATION		
*Building: CHEM	*Room #: 152	
*Location Description: Cabinet		

Done start America Online University of Colorad... Cabinet - Microsoft P...

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

Experiment Used In: _____

Safety Information:

CAS NUMBER: 66-71-7

NFPA RATINGS		MATERIAL SAFETY DATA SHEETS and CHEMICAL SAFETY LINES
Health: 3	Flammability: 2	Choose the source to get your MSDS: Print Get MSDS
Reactivity: 0	Miscellaneous Ratings:	Go to THIS chemical in the CU Chemical Hazard Information Database
		Search the CU Chemical Hazard Information Database

Update Record Reset Duplicate Record ←

Press the Back button in your browser.

Done start America Online University of Colorad... Cabinet - Microsoft P...

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

University of Colorado Chemical Inventory System

You have successfully updated a Chemical

[Search Database](#) [Add New Chemical](#) [Go to Inventory Status](#) [Go to Last Record](#) ←

Done start America Online University of Colorad... Cabinet - Microsoft P...

Deleting a Chemical Record

- The option to delete a chemical record is available on the Record Detail Page. See the description of the [Record Detail Page](#) for complete details of the page. (Accessible from [Help Index](#)).
- Get to the Record Detail Page of the chemical you want to delete, by doing a search on the chemical and then selecting the chemical name from the search results.
- At the top right of the record detail page is the option for deleting that record. Check the yes box.
- The chemical will be deleted from your inventory once you submit the record by selecting the Update Record button. Upon submitting the update, you will be brought to a page that states you have updated a chemical.

University of Colorado
Chemical Inventory Management System

[Help Index Page](#)

Chemical Information

* Required information

GENERAL INFORMATION		
* Chemical Name: Acetone		* Delete Record: <input type="radio"/> Yes <input type="radio"/> No
Solvent: _____	Concentration: _____	* Physical State: Liquid
* Container Size: _____	* Units of Measure: _____	* # of Containers: _____
For A Mixture:		
Component A: _____	Component Name	Concentration
Component B: _____	A	B
Component C: _____	C	
STORAGE INFORMATION		

University of Colorado Chemical Inventory System

Experiment Used In: _____

Safety Information:

CAS NUMBER: 67-64-1

NFPA RATINGS		MATERIAL SAFETY DATA SHEETS and CHEMICAL SAFETY LINKS	
Health: 2	Flammability: 3	Choose the source to get your MSDS: <input type="button" value="Print"/> <input type="button" value="Get MSDS"/>	
Reactivity: 0		Go to THIS chemical in the CU Chemical Hazard Information Database	
Miscellaneous Ratings:		Search the CU Chemical Hazard Information Database	

Press the Back button in your browser.

University of Colorado Chemical Inventory System

You have successfully updated a Chemical

[Search Database](#) [Add New Chemical](#) [Go to Inventory Status](#) [Go to Last Record](#)

Inventory Status Page

Description of Page:

- The first section displays the First and Last Name of the Principle Investigator, the building and room numbers of the laboratories under the principle investigator, and the total number of chemical entries in the inventory.
- The second section includes three rows of information about the chemical entries in the inventory. The first row displays the number of entries with incomplete or missing information. This refers to all entries that do not have the chemical name, container size, units of measure, number of containers, storage location and physical state filled out correctly. The next row in the table lists the number of entries of chemicals that have expired. The last row lists the number of entries that are potential peroxide forming chemicals. It is possible to bring up each of the three lists of entries that are described by selecting the corresponding button in the third column of each row (View Missing, View Expired, View Peroxide).
- The next section has two buttons that are short cuts to viewing your complete inventory, in either regular format or printer friendly format.
- At the bottom of the page there are four links: [Search Inventory](#), [Add New Chemical](#), [Exit Inventory](#) and [Complete Survey](#). The Search Inventory goes to the Search page, Add New Chemical goes to the new chemical page, Exit Inventory link exits the Chemical Inventory System and the Complete Survey link takes you to the latest survey.

University of Colorado Chemical Inventory System

[Help Index Page](#)

Inventory Status

PRINCIPLE INVESTIGATOR'S FIRST AND LAST NAME	
First Name: Kevin	Last Name: Peters
LABORATORY LOCATION	
Building: CHEM-Cristol	Room(s): 152
TOTAL NUMBER OF ENTRIES IN YOUR INVENTORY	
240	
INFORMATION ON CHEMICAL ENTRIES	
Number of entries with missing or incomplete information:	1 <input type="button" value="View Missing"/>
Number of chemicals that have expired:	0 <input type="button" value="View Expired"/>
Number of chemicals that are peroxide forming:	5 <input type="button" value="View Peroxide"/>
SHORT CUTS	
<input type="button" value="View Complete Inventory"/>	<input type="button" value="View Complete Inventory - Printer Friendly"/>
Search Inventory	Add New Chemical Exit Inventory Complete Survey

University of Colorado Chemical Inventory System

[Help Index Page](#)

Inventory Status

PRINCIPLE INVESTIGATOR'S FIRST AND LAST NAME	
First Name: Kevin	Last Name: Peters
LABORATORY LOCATION	
Building: CHEM-Cristol	Room(s): 152
TOTAL NUMBER OF ENTRIES IN YOUR INVENTORY	
240	
INFORMATION ON CHEMICAL ENTRIES	
Number of entries with missing or incomplete information:	1 <input type="button" value="View Missing"/>
Number of chemicals that have expired:	0 <input type="button" value="View Expired"/>
Number of chemicals that are peroxide forming:	5 <input type="button" value="View Peroxide"/>
SHORT CUTS	
<input type="button" value="View Complete Inventory"/>	<input type="button" value="View Complete Inventory - Printer Friendly"/>
Search Inventory	Add New Chemical Exit Inventory Complete Survey

University of Colorado Chemical Inventory System

[Help Index Page](#)

Inventory Status

PRINCIPLE INVESTIGATOR'S FIRST AND LAST NAME	
First Name: Kevin	Last Name: Peters
LABORATORY LOCATION	
Building: CHEM-Cristol	Room(s): 152
TOTAL NUMBER OF ENTRIES IN YOUR INVENTORY	
240	
INFORMATION ON CHEMICAL ENTRIES	
Number of entries with missing or incomplete information:	1 <input type="button" value="View Missing"/>
Number of chemicals that have expired:	0 <input type="button" value="View Expired"/>
Number of chemicals that are peroxide forming:	5 <input type="button" value="View Peroxide"/>
SHORT CUTS	
<input type="button" value="View Complete Inventory"/>	<input type="button" value="View Complete Inventory - Printer Friendly"/>
Search Inventory	Add New Chemical Exit Inventory Complete Survey

Search Results Page

Description of Page:

- At the top of the page is a statement telling the number of chemicals that were found and which chemicals are being displayed from the found set. Twenty-five chemicals can be displayed on one page.
- The Search Results are in table format. The first row of the table is the header row. This row contains the column titles, which are underlined. Clicking on the column titles will resort the entries by that column. If the column contains text, than the sort will be in ascending order, however if the column contains a number, the sort will be in descending order. The column headings and the order of the headings is predetermined on the Search Page. Up to seven columns may be chosen to be displayed.
- The chemical name of each entry is also underlined. Clicking on the chemical name will navigate you to the [Chemical Information Page](#) for that chemical entry.
- There is a [Printer Friendly](#) link in the top right corner above the table. Selecting this link will display the printer friendly version of this page. All links and sorting options on the printer friendly version are still valid. Up to fifty chemicals are listed at a time on the printer friendly screen.
- At the bottom of the page are several links: [Start New Search](#), [Go to Inventory Status](#) and [Exit Inventory](#). Start New Search goes to the Search page, Go to Inventory Status goes to the Inventory Status Page and Exit Inventory exits the Chemical Inventory System. In addition, there maybe two more links, [Previous Results](#) and [Next Results](#), that display the previous and next results.

<u>Chemical Name</u>	<u>Room Number</u>	<u>Container Size and Units</u>	<u>Number of Containers</u>	<u>Storage Location #1</u>
1-benzosuberone	152	25 Gram (g)	1	Cabinet
1-bromobutane	152	50 Gram (g)	1	Cabinet
1-bromopropane	152	100 Milliter (mL)	1	Cabinet
1-ethylpyridinium iodide	152	25 Gram (g)	1	Cabinet
1-phenyldecane	152	25 Gram (g)	1	Cabinet
1,1-azobis(cyclohexane) carbonitrile	152	25 Gram (g)	1	Refrig
1,10-phenanthroline	152	2.5 Gram (g)	1	Cabinet
1,3-butadiene	152	10 Gram (g)	1	Refrig
18-crown-6	152	5 Gram (g)	1	Cabinet
2-bromoacetophenone	152	100 Gram (g)	1	Cabinet
2-bromoacetophenone	152	100 Gram (g)	1	Cabinet
2-bromoisobutylphenone	152	25 Gram (g)	1	Refrig
2-butanone	152	100 Milliter (mL)	1	Hood
2-butanone	152	100 Milliter (mL)	1	Cabinet
2-mesityl magnesium bromide	152	100 Milliter (mL)	1	Cabinet
2-methoxyethyl ether	152	1 Liter (L)	1	Hood
2-methylbenzophenone	152	25 Gram (g)	1	Cabinet

2-methylpropanoic anhydride	152	25 Gram (g)	1	Cabinet
1-phenyldecane	152	25 Gram (g)	1	Cabinet
1,1-azobis(cyclohexane) carbonitrile	152	25 Gram (g)	1	Refrig
1,10-phenanthroline	152	2.5 Gram (g)	1	Cabinet
1,3-butadiene	152	10 Gram (g)	1	Refrig
18-crown-6	152	5 Gram (g)	1	Cabinet
2-bromoacetophenone	152	100 Gram (g)	1	Cabinet
2-bromoacetophenone	152	100 Gram (g)	1	Refrig
2-bromoisobutylphenone	152	25 Gram (g)	1	Refrig
2-butanone	152	100 Milliter (mL)	1	Hood
2-butanone	152	100 Milliter (mL)	1	Cabinet
2-mesityl magnesium bromide	152	100 Milliter (mL)	1	Cabinet
2-methoxyethyl ether	152	1 Liter (L)	1	Hood
2-methylbenzophenone	152	25 Gram (g)	1	Cabinet
2-propanol	152	500 Milliter (mL)	1	Hood
2,2,2-trifluoroethanol	152	100 Milliter (mL)	1	Hood
2,4-dimethylmaleic anhydride	152	5 Gram (g)	1	Cabinet
2-bromoisole	152	5 Gram (g)	1	Cabinet
2-methoxybenzylalcohol	152	25 Gram (g)	1	Cabinet
4-acetylphenyl	152	25 Gram (g)	1	Cabinet
4-chlorobenzylalcohol	152	1 Gram (g)	1	Cabinet
4-chlorobenzophenone	152	5 Gram (g)	1	Cabinet

Start New Search Go to Inventory Status Exit Inventory Next Results

Search Page

Description of Page:

- The first section displays the First and Last Name of the Principle Investigator.
- The second section includes nine different categories that you can use to search for chemicals. You may use more than one category. If multiple categories are selected, then the search will be for chemicals that meet all the criteria that you choose.
- The third section is where you choose the fields that you want to be displayed in your search results table. You can choose up to seven columns, putting the fields in any order.
- The fourth section is where you choose which fields that you want to sort by and what order to sort.
- The two buttons at the bottom of the table are **Search** and **Reset**. The **Search** button will submit the search criteria that you entered. The **Reset** button will clear all search criteria that has been entered.
- At the bottom of the page there are two links: [Go to Inventory Status](#) and [Exit Inventory](#). The Go to Inventory Status link goes to the Inventory Status page and the Exit Inventory link exits the Chemical Inventory System.

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

Search Chemical Inventory

Principle Investigator's First and Last Name
 First Name: Last Name:

Please enter the information you wish to use as your search criteria.

Chemical Name: equals

Chemical Formula: equals

CAS Number: equals

Building: Building Names:

Room Number:

NFPA Flammability Rating: equals 0 1 2 3 4

NFPA Health Rating: equals 0 1 2 3 4

NFPA Reactivity Rating: equals 0 1 2 3 4

Miscellaneous Ratings: Corrosive Oxidizer Water Reactive

Please select the information and order you wish to view your search results.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Chemical Name	Building	Room #	Container Size	# Containers	Storage Loc. #1	No Selection

Please select the fields and order you wish to have your search results sorted.

1st	order	2nd	order	3rd	order
No Selection	Select order	No Selection	Select order	No Selection	Select order

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

Search Chemical Inventory

Principle Investigator's First and Last Name
 First Name: Last Name:

Please enter the information you wish to use as your search criteria.

Chemical Name: equals

Chemical Formula: equals

CAS Number: equals

Building: Building Names:

Room Number:

NFPA Flammability Rating: equals 0 1 2 3 4

NFPA Health Rating: equals 0 1 2 3 4

NFPA Reactivity Rating: equals 0 1 2 3 4

Miscellaneous Ratings: Corrosive Oxidizer Water Reactive

Please select the information and order you wish to view your search results.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Chemical Name	Building	Room #	Container Size	# Containers	Storage Loc. #1	No Selection

Please select the fields and order you wish to have your search results sorted.

1st	order	2nd	order	3rd	order
No Selection	Select order	No Selection	Select order	No Selection	Select order

[Go to Inventory Status](#)

University of Colorado Chemical Inventory System - Microsoft Internet Explorer

Search Chemical Inventory

Principle Investigator's First and Last Name
 First Name: Last Name:

Please enter the information you wish to use as your search criteria.

Chemical Name: equals

Chemical Formula: equals

CAS Number: equals

Building: Building Names:

Room Number:

NFPA Flammability Rating: equals 0 1 2 3 4

NFPA Health Rating: equals 0 1 2 3 4

NFPA Reactivity Rating: equals 0 1 2 3 4

Miscellaneous Ratings: Corrosive Oxidizer Water Reactive

Please select the information and order you wish to view your search results.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Chemical Name	Building	Room #	Container Size	# Containers	Storage Loc. #1	No Selection

Please select the fields and order you wish to have your search results sorted.

1st	order	2nd	order	3rd	order
No Selection	Select order	No Selection	Select order	No Selection	Select order

[Go to Inventory Status](#)

Add New Chemical Page

Description of Page:

- The first section displays the First and Last Name of the Principle Investigator.
- The second section includes three rows for general information about the chemical, including chemical name, concentration, physical state, container size, units of measure and # of containers. Required fields are marked with a red asterisk.
- The third section is for mixtures. You can enter up to three components and their respective concentrations.
- The fourth section is for storage information. The fields included are Building, Room Number and three location descriptions.
- The fifth section is for purchase information, the sixth section for safety information and the seventh for any additional information. This whole section is optional. If you enter dates into any of the date fields (date Purchased, date opened, date expires, date tested or date treated) be sure to enter the date in the following format mm/dd/yyyy. If you use any other format, an error will be generated when you try to submit your chemical entry.
- The two buttons at the bottom of the page are **Submit New Chemical** and **Reset this form**. Selecting Submit New Chemical will submit your entry. Reset this form will clear all fields on the form.
- The link in the bottom left corner, [Return to Inventory Status Page](#), will return you to your Inventory Status Page.

The screenshots show the following sections of the form:

- PRINCIPLE INVESTIGATOR'S FIRST and LAST NAME:** First Name: [Aldy], Last Name: [Zhang]
- GENERAL INFORMATION:**
 - *Chemical Name: []
 - Solvent: [] Concentration: [] *Physical State: [No Selection Made]
 - *Container Size: [] *Units of Measure: [No Selection Made] *# of Containers: []
- For A Mixture:**

Component Name	Concentration
Component A: []	A []
Component B: []	B []
Component C: []	C []
- STORAGE INFORMATION:**
 - *Building: [Subby Tower] *Room #: []
 - *Location Description 1: []
 - Location Description 2: []
 - Location Description 3: []
- PURCHASE INFORMATION:**
 - Manufacturer: []
 - Product #: [] Lot #: []
 - Date Purchased: (mm/dd/yyyy) [] Date Opened: (mm/dd/yyyy) []
- SAFETY INFORMATION:**
 - Date Expires: (mm/dd/yyyy) [] Date Tested: (mm/dd/yyyy) []
 - Date Treated: (mm/dd/yyyy) []
 - Treatment: []
- ADDITIONAL INFORMATION:**
 - Formula: [] Number of Carbons: []
 - Structural Information: []
 - Synonyms: []
 - Experiment Used In: []
 - Safety Information: []

At the bottom, there are buttons for **Submit New Chemical** and **Reset this form**, and a link for [Return to Inventory Status Page](#).

Record Detail Page

Description of Page:

- The first section includes three rows for general information about the chemical, including chemical name, concentration, physical state, container size, units of measure and # of containers. Required fields are marked with a red asterisk.
- The second section is for mixtures. You can enter up to three components and their respective concentrations.
- The third section is for storage information. The fields included are Building, Room Number and three location descriptions.
- The fourth section is for purchase information, the fifth section for safety information and the sixth for any additional information. This whole section is optional. If you enter dates into any of the date fields (date Purchased, date opened, date expires, date tested or date treated) be sure to enter the date in the following format mm/dd/yyyy. If you use any other format, an error will be generated when you try to submit your chemical entry.
- The Last Section displays some safety information that is pulled from the **CU Chemical Hazards Information Database**. The Information includes CAS Number, NFPA ratings, available Material Safety Data Sheets and direct links to the **Chemical Hazards Information Database**.
- The two buttons at the bottom of the page are **Update Chemical** and **Rest**. Selecting Update Chemical will submit your entry. Reset this form will clear all fields on the form.

University of Colorado Chemical Inventory System

Chemical Information

* Required information

GENERAL INFORMATION		
* Chemical Name: <input type="text" value="Formic"/>	* Delete Record: <input type="radio"/> Yes <input type="radio"/> No	
Solvent: <input type="text"/>	Concentration: <input type="text"/>	* Physical State: <input type="text"/>
* Container Size: <input type="text" value="500"/> <input type="button" value="Info"/>	* Units of Measure: <input type="text" value="Ml/ltr"/> <input type="button" value="Info"/>	* # of Containers: <input type="text"/>
For A Mixture:		Concentration
Component A: <input type="text"/>	A: <input type="text"/>	
Component B: <input type="text"/>	B: <input type="text"/>	
Component C: <input type="text"/>	C: <input type="text"/>	

University of Colorado Chemical Inventory System

Component C:

STORAGE INFORMATION

* Building: * Room #:

* Location Description 1:

Location Description 2:

Location Description 3:

PURCHASE INFORMATION

Manufacturer:

Product #: Lot #:

Date Purchased: (mm/dd/yyyy) Date Opened: (mm/dd/yyyy)

SAFETY INFORMATION

Date Expires: (mm/dd/yyyy) Date Tested: (mm/dd/yyyy)

Date Treated: (mm/dd/yyyy)

Treatment:

ADDITIONAL INFORMATION

Formula: Number of Carbons:

Structural Information:

Synonyms:

Experiment Used In:

Safety Information:

University of Colorado Chemical Inventory System

CAS NUMBER: 107-02-8

NFPA RATINGS		MATERIAL SAFETY DATA SHEETS and CHEMICAL SAFETY LINKS	
Health: 4	Flammability: 3	Choose the source to get your MSDS: <input type="button" value="Print"/> <input type="button" value="Get MSDS"/>	
Reactivity: 3	Go to THIS chemical in the CU Chemical Reference Database		
Miscellaneous Ratings:		Search the CU Chemical Reference Database	

Press the Back button in your browser.