ChemTracker 4.0
Inventory Management User Guide
Part 1: Login/Logout, Layout, ChemInfo & MSDS

- New to ChemTracker?
- Login
- Logout
- Home Screen Layout
- General Screen Layout
- Clearing Fields
- ChemInfo and MSDS
New to ChemTracker?

  • Supported browsers
  • Necessary computer power/specifications
  • Desktop setup

• Each ChemTracker Consortium member institution has at least one ChemTracker Administrator (CTA) to assist you.
• There is a Help link in the upper right on every page in the ChemTracker application.
Login

1. At http://chemtracker.stanford.edu/members/, select the ChemTracker 4.0 link for your institution. Links will be posted February 2014. Before then, contact your CT Administrator.

2. Enter your ChemTracker Username and Password; these are case sensitive. Your CT Username and Password can be obtained from your campus CT Administrator.

3. Press the Login button or the Enter key.

If you have forgotten your Username or Password, or want to reset your password, contact your local ChemTracker Administrator.
Logout

1. Click the pull-down tab in the upper right next to your UserID.
2. Click *Logout* and your session ends. You will be returned to the Login page.
Home Screen Layout

Links to functions are at the top.

Saved Search Templates are listed and can be executed from here.

Add Inventory Templates can be loaded from these links.
General Screen Layout

Links to general functions are at the top.

“Breadcrumbs” show your path.

In Summary & Details Views displaying search results, Row Actions are in the first column. Select a row/record by clicking on it. The row will change color.

Screen Actions are at the bottom.
Clearing Fields

• Using the *Clear selections* button clears all the fields.

• Press the “X” at the end of a field value entry box.

• Backspace over a date or incompletely-entered value.
ChemInfo

- **ChemInfo** is a graphical display of information about chemicals classified in ChemTracker’s Database. Information is from at least 3 verified sources (such as CDC, Scifinder, NIH, PubChem, ARTECS, IRAC, etc.)
- The chemical you search for does not have to be in your institution’s inventory because you are searching the ChemTracker Reference Database (36,000 entries; 108,000 synonyms).
ChemInfo and MSDSs

- Press *ChemInfo* in the navigation bar at the top.
- Select a Chemical Identifier with its appropriate operator:
  - Chemical Name (Begins With, Contains, Equals)
  - Formula (molecular, structural, empirical) (Begins With, Contains, Equals)
  - CAS Number (Equals)
  - GDN (Equals)
- Enter at least 3 characters for a Chemical Name or Formula, and the exact value for a CAS Number or GDN.
- The chemical does not have to be in your institution’s inventory; you are searching the reference database.
ChemInfo and MSDSs

- Select the correct value in the pull-down list that appears.
- Press the Search button at the bottom of the screen.
Press *ChemInfo or MSDS* in the Actions column to the left of the item.

*10/18/13: The default MSDS provider’s site, Vermont SIRI, has been taken offline, so this functionality does not work for members using the default. The MSDS link is still active for institutions with paid MSDS subscriptions linked to ChemTracker.*
ChemInfo Display, Top

<table>
<thead>
<tr>
<th>Chemical</th>
<th>ANILINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>StoreGroup: A</td>
<td>Compatible Organic Bases</td>
</tr>
</tbody>
</table>

**Storage Conditions**
- SARA 312 Pressure: Ambient
- SARA 312 Temperature: Ambient

**NFPA Classifications**
- FIRE 2
- HEALTH 2
- REACTIVITY 0

**Physical Properties**
- AI: 615 C
- BP: 184 C
- DENS: 1.022 g/cm3
- EL: 1.3-11 %
- FP: 70 C
- GPL: .11722 N/A
- LPG: 8.53088 N/A
- MP: -6 C
- MW: 93.13 g/mol
- VP: .7 mmHg

**Fire Codes**
- UFC VI-A-Physical: 2.1.3.2 Combustible liquids - Class III-A, Flash point >140F & Fp<=200F
- UFC VI-A-Health: 2.2.1.2 Toxic materials (solid or liquid)
- UFC VI-A-Health: 2.2.4.1 Carcinogens or suspect carcinogens
- UFC VI-A-Health: 2.2.4.3 Irritants

See chemical and storage Information, NFPA Classifications, physical properties and relevant Fire Codes at the top of the ChemInfo screen.
Hazards and regulations concerning the chemical are in the middle of the ChemInfo screen.
**Toxicology**
- DRAIZE DERM RABBIT 20 MG 24 HOURS
- DRAIZE EYE RABBIT 102 MG
- IDLH INHAIR N/A 100 PPM
- LC50 INHAIR MOUSE 175 PPM 7 HOURS
- LC50 INHAIR RAT 250 PPM 4 HOURS
- LD50 DERM RAT 1400 MG/KG
- LD50 IPR RAT 420 MG/KG
- LD50 ORAL MOUSE 464 MG/KG
- LD50 ORAL RAT 250 MG/KG
- TCLO INHAIR RAT 3 MG/M3 22 WEEKS
- TDLO ORAL HUMAN - CHILD 3125 MG/KG
- TDLO ORAL RAT 913 MG/KG 2 WEEKS
- TDLO Reproductive ORAL RAT 4480 MG/KG

**Synonyms**
- DOT Aniline
- MAIN Aniline
- SYNONYM Aminobenzene
- SYNONYM Aniline, free base
- SYNONYM Benzenamine
- SYNONYM Phenyamine

**Additional Identifiers**
- BEILSTEIN 605631
- CAS 62-53-3
- CERS-ID 104209
- EC NUMBER 200-539-3
- EPA-HAP Grouping EPA HAP (Hazardous Air Pollutants) listed
- FORMULA, MOLECULAR C6H7N
- FORMULA, STRUCTURAL C6H5NH2
- ICSC 0011
- IRIS NAME Aniline
- MDL NUM MFCD00007629
- RCRA U012
- RTECS BW6650000
- UN/NA UN1547

Toxicology, synonyms and additional identifiers are shown at the bottom.
ChemInfo and MSDS from Search Results in Summary or Details View

ChemInfo

- From the Summary View or the Details View, select ChemInfo in the Actions column on the far left for the chemical you wish to see.

MSDS*

- From the Summary View or the Details View, select MSDS in the Actions column for the item you want
- A window or tab opens from the third-party MSDS provider’s site, and fills in the chemical name (if the provider’s site allows)

<table>
<thead>
<tr>
<th>Actions</th>
<th>Amount</th>
<th>CAS</th>
<th>Chemical Name</th>
<th>Containers</th>
<th>Phys State</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChemInfo</td>
<td>16.246</td>
<td>62-53-3</td>
<td>ANILINE</td>
<td>37</td>
<td>L</td>
</tr>
</tbody>
</table>

*10/18/13: The default MSDS provider's site, Vermont SIRI, has been taken offline, so this functionality does not work for members using the default. The MSDS link is still active for institutions with paid MSDS subscriptions linked to ChemTracker.
ChemInfo and MSDS from Search Results in Summary or Details View

If the ChemInfo link shows a broken link icon:

- The item in that row is not linked to the ChemTracker Reference Database (does not have a GDN).

- Copy the chemical name, select the ChemInfo button in the navigation bar at the top of the screen, then paste the name into the Chemical Identifier field and select Chemical Name. You probably want to do a Contains search and modify the name to be more general to find the item in the ChemTracker Reference Database.
Thank you. We appreciate your continued support and use of ChemTracker.

Remember, for help.... Each ChemTracker institution has at least one ChemTracker Administrator to assist you, and there is a Help link on every ChemTracker page in the upper right.