How to Update PEC’s in Chematix

Chemicals that have the potential to be explosive (i.e. shock sensitive or peroxide formers) require that an expiration date be associated with the chemical when put into a laboratory’s inventory. Once the chemical gets closer to the expiration date, notifications will be sent out notifying laboratory members. The expiration date can be updated only after visually inspecting the bottle. The bottle must not have visual signs of corrosion, signs of crystal formation, and must currently be in use. The expiration date can be updated on a year to year basis as long as it is still being used.

Note: Only persons assigned as the PI or laboratory supervisor will be able to update expiration dates.

How to Update Expiration Date

1. Log into Chematix using your Campus ID and password.

2. Click on the “Inventory” tab

3. Click on “Generate PEC Expiration Aging Report”.

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4. Click on the appropriate chemical that needs to be updated, and then click “Update Expiry Date”. The expiration aging report will also show which chemicals are set to expire in the near future as well.

```
PEC Expiration Aging Report

Expired PECs

<table>
<thead>
<tr>
<th>Expiration Date</th>
<th>Barcode</th>
<th>Chemical Name</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/19/2008</td>
<td>GSUC009A3</td>
<td>Ammonium nitrate</td>
<td>6484-52-2</td>
</tr>
<tr>
<td>06/20/2008</td>
<td>GSUC008MV</td>
<td>2,4-Dinitrophenol</td>
<td>51-28-8</td>
</tr>
<tr>
<td>06/20/2008</td>
<td>GSUC008SL</td>
<td>Calcium nitrate</td>
<td>10124-37-3</td>
</tr>
<tr>
<td>06/20/2008</td>
<td>GSUC009A0</td>
<td>Ammonium nitrate</td>
<td>6484-52-2</td>
</tr>
</tbody>
</table>
```

5. The expiration date can then be updated, only after visually inspecting the container. If the container is in good condition (i.e. bottle not corroded or showing signs of crystal formation) the expiration date can be updated to one year in the future. After updating the expiration date, click “Submit”.

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PEC Expiration Update

WARNING!
By extending the expiration date for this chemical, I certify that I have distilled, visually inspected, or tested this material and found it suitable for retention.
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```
Chemical name: 1,4-Dioxane
CAS #: 123-91-1
Barcode: GSUC001MPP
Location: 0024/116 Flammable Cabinet 1
PI: Programs, Environmental R
Lab Supervisor: Programs, Environmental R
Expiration Date: 03/02/2012 (MM/dd/yyyy)
```