# Chemical/Hazardous (Spent Waste) Determination Form

Instructions on page two (2) of this form.

<table>
<thead>
<tr>
<th>Name of Submitter</th>
<th>Department</th>
<th>Phone #</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Building</th>
<th>Room #</th>
<th>Lab Name</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Date of Hazard Determination</th>
<th>Date container full and pickup request sent to SEM: Email to <a href="mailto:hazwaste@maine.edu">hazwaste@maine.edu</a> or FAX 581-4085</th>
</tr>
</thead>
</table>

- ☑ (Check) If ANY of your chemicals is listed within a hazard category below then you should treat your waste as Hazardous and it should have a “Hazardous Waste” label and be stored in your Satellite Accumulation Area (SAA).
- ☑ (Check) If NONE of your chemicals is listed within a hazard category then your waste is Non-Hazardous and the container should have a “Non-Hazardous Waste” label (or the words “Non-Hazardous Waste” written on a piece of tape and affixed to the container).

## Chemical Name and Associated Properties

### Constituents with NO Listed Hazards (E.g. Water):

<table>
<thead>
<tr>
<th>Constituent</th>
<th>If 100% of Waste</th>
<th>Approx. % by volume</th>
<th>Hazards Listed on Safety Data Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>✓</td>
<td>1.</td>
<td>N/A</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td>3.</td>
<td></td>
</tr>
</tbody>
</table>

- Flammable:
  - 1.
  - 2.
  - 3.

- Oxidizer:
  - 1.
  - 2.
  - 3.

- Corrosive:
  - 1.
  - 2.
  - 3.

- Explosive/Reactive:
  - 1.
  - 2.
  - 3.

- Acutely Toxic:
  - 1.
  - 2.
  - 3.

- Environmental Hazard:
  - 1.
  - 2.
  - 3.

- Other Hazards Listed Not Described Above (E.g. Compressed gas, Carcinogen, mutagen, etc.):
  - Other

**Total Volume of Waste (units: gallons, liters):**

**For SEM USE ONLY**

**Applicable Waste Codes:**

- D001-Flammable, D002-Corrosive, D003-Reactive, D004-D043 Toxic, F001-F005 Spent Solvents, U-Code (Non-acute hazardous), P-Code (Acute hazardous)
Instructions

➤ Waste must be determined to be hazardous or non-hazardous when you start generating it.

➤ Use the “Chemical Waste Pickup and Disposal Request” for expired and unwanted stock chemicals.

➤ Use this “Chemical/Hazardous (Spent Waste) Determination Form” for single containers of liquid waste that is to be collected from a process(s) Examples:
  o A bottle of spent waste ethanol (used in a process and then collected)
  o A bottle of spent solvents (Methanol, acetic acid, formaldehyde, water, chloroform, etc.)

➤ Safety Data Sheets are helpful if you are unsure of what hazard category(s) a chemical component should be listed under. Just look for the corresponding pictograms describing the chemicals hazard.

➤ Enter the name of the waste in the category with the associated hazard(s). If a chemical component has more than one hazard associated, reenter the name in those corresponding hazard categories. Constituent percentages by volume only need to be entered ONCE. Examples:
  o Ethanol Waste (only): Ethanol gets entered into the “Flammable” category and a √ gets marked in the 100% Waste column.
  o Methanol Waste (only): Methanol gets entered into the “Flammable” category, Acutely Toxic category and a √ gets marked only once in the 100% waste column next to the first category the name was entered under (in this case, the Flammable category).
  o Methanol 70%, Formaldehyde 30% Waste: Methanol and Formaldehyde both get entered into the Flammable and Acutely Toxic categories. The number 70 gets recorded next to Methanol for % by volume and the number 30 gets recorded next to Formaldehyde for % by volume.
  o Mineral Oil 20%, Water 30%, and Ethanol 50% Waste: Mineral Oil and Water gets recorded in the “Constituents with No Listed Hazards” category and their corresponding %. Ethanol gets recorded in the “Flammable Category” with a corresponding %.

➤ Please complete this form and print a copy to be kept with your SAA logs until the waste container gets collected by SEM.

➤ This “Hazardous Waste Determination Form” may be used to request a chemical pick up in place of the regular “Request for Chemical Waste Pickup and Disposal Form.”

➤ Please contact Safety and Environmental Management (SEM) at 581-4055 or via email at hazwaste@maine.edu if you have any questions about your waste or requirements for maintaining it OR if you need help completing this form.