Standard Operating Procedure (SOP)

Ultrasonic Cleaner

First Time Use
1. Safety. If you are unsure, please contact the Office of Environmental Health and Safety Radiation Officer at x2822
2. Read Drexel University Laboratory Safety Manual
3. Complete initiation training protocol from senior laboratory personnel

Safety Equipment
1. Disposable gloves

Safe ON Procedure
1. Put on safety equipment as outlined above
2. Make sure there is enough water in the cleaner to sufficiently over your beaker
3. Turn ON the ultrasonic cleaner
4. Set time by pressing the time switch. Use the arrow keys to set time in minutes.
5. Insert the beaker containing your solvent and the sample.
6. Press Start to operate

Safe OFF Procedure
1. Make sure that the instrument is not in operation
2. Turn OFF the ultrasonic cleaner

<table>
<thead>
<tr>
<th>Emergency Contacts:</th>
<th>Prof. Adam Fontecchio</th>
<th>Wayne Hill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public safety: x2222</td>
<td>Lebow 131</td>
<td>Director of Lab Services</td>
</tr>
<tr>
<td></td>
<td>215-895-0234 (o)</td>
<td>Commonwealth 219</td>
</tr>
<tr>
<td></td>
<td>401-743-7835 (c)</td>
<td>215-895-4952 (o)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>215-873-4846 (c)</td>
</tr>
</tbody>
</table>

Senior Personnel: Hemang Shah, Lebow 132, 215-895-1498, 267-608-6488 (c)
Greg Fridman, Hess 117, 215-895-0576, 312-371-7947 (c)

This document is available online at http://www.ece.drexel.edu/photonics/Facilities.html or by clicking the Laser Safety icon on any laboratorycomputer desktop.