## Laboratory First Aid

### Chemicals and Solutions

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fisher brand glassware</td>
<td>Ammonia &amp; solution, Benzoyl chloride, Antimony compounds, Benzyl chloride, Caustic soda, Chromium trioxide, 1:2-dichloro-ethane, Epichlorhydrin, Ethylene chlorhydrin, Ferric chloride anhydrous, Fuming sulphuric acid, Formalin</td>
</tr>
</tbody>
</table>

### Laboratory First Aid

**Not on laboratory first aid:**

The chart lists the first aid treatment of the most common hazards that arise in the laboratory. Although it is definitely not exhaustive, it is intended to cover the hazards encountered most often. It does not cover hazards caused by chemical substances, chemical burns, chemical fumes, or fumes from hot pipes or steam, burns from contact with hot objects, or electrical burns. In general, burns from contact with hot objects are considered first aid, and they are not a cause for attention by a doctor or medical name.

### Chemical Burns

- **Acids or alkalis, or phenolic substances:**
  - Wash with water and soap and water
  - Drench the skin with water and wash with soap and water

- **Bromine, Formic Acid & Hydrofluoric Acid:**
  - Use a quick-drying solvent to remove all traces of the chemical
  - Drench the skin with water and wash with soap and water

- **Lead salts:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Iodine:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Iodine pentoxide:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Methyl alcohol:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Methyl cyanide:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Oxalic acid:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Perchloro-ethylene:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Phosphorus trichloride:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Phosphorus pentachloride:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Phosgene:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Sodium metal or amalgam:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Soda asbestos:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Silicon tetrachloride:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Sodium sulphide:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Sodium oxalate:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Sodium fluoride:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Toluene:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

- **Xylenols:**
  - Use water to remove all traces of the chemical
  - Wash with water and soap and wash

### Chemical Burns

**Hydrochloric acid**

**Notes:**

- **Bottle of Vinegar of 1% Acetic Acid**
- **Mouth-to-Mouth Artificial Respiration**
- **First Aid Measures for Burns**
- **Suggested minimum requirements and additional provisions**
- **Emergency contact name & tel no.**