# Eye and Face Protection in MSU Laboratories

<table>
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<tr>
<th>Safety Glasses</th>
<th>Chemical Splash Goggles</th>
<th>Face Shield + Chemical Splash Goggles</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Safety Glasses" /></td>
<td><img src="image2.png" alt="Chemical Splash Goggles" /></td>
<td><img src="image3.png" alt="Face Shield + Chemical Splash Goggles" /></td>
</tr>
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</table>

**Required when:**

**An impact hazard exists when working with low hazard chemicals**, or when low probability of splash exists.

**Examples:**

- Pipetting
- Handling closed bottle of injurious chemical
- Mixing solutions
- Opening centrifuge tubes

**Required when:**

**Working with smaller amounts of corrosive or injurious chemicals** and a reasonable probability of splash exists.

**Examples:**

- Pouring acid out of a 1 pint bottle
- Pouring methylene chloride from a 1 liter bottle
- Working with liquids under pressure

**Required when:**

**Working with larger quantities of corrosive chemicals** and / or a high probability of eye and face injury exists.

**Examples:**

- Working with an acid bath
- Pouring 4 liters of acid into a container
- Handling highly reactive chemicals that may spatter

*Refer to the SDS for additional hazard information.

Note: Ordinary prescription glasses do not provide adequate protection against injury. Eye protection equipment must be ANSI Z87 & PPE Assessment approved.

For more information on Eye and Face Protection, visit: www.ehs.msu.edu

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EHS Website