

**Corrosives Cliffs Notes**

Classifications of Explosives:

* Highly Hazardous: Causes visible damage to skin or eyes. pH extreme of < 2 or > 11.5
* Generally Hazardous: Causes irritation to skin or eyes
* Divisions explained here: <http://environmentalchemistry.com/yogi/hazmat/placards/class1.html>

GHS Hazard codes: H314-H316, H318-H320, H290

Band Specific Practices: Always work in a fume hood with strong corrosives

Use of Corrosives:

1. Review SDS/MSDS (easily found on chemical supplier website)
2. Always use them in the hood
3. Use smallest quantity possible and watch out for fumes
4. Talk to PI if large scale or you have any questions about handling it

PPE:

* Nitrile gloves
* Lab coat (with cuffs to protect arms), long pants, closed toe shoes
* Safety glasses or splash goggles/face shield (especially if large quantities are being used).

Specific Handling instructions

* Secondary containment must be used in the cabinets
* Segregate acids and bases
* Keep away from water, metals, flammables, organic halogens, and sources of ignition