

# Acid/Base Safety

Acids and Bases can be very corrosive. This means that it can destroy living cells as well as buildings and other structures. The more concentrated the acid or base is the more corrosive it will be since it has more of the chemical per unit volume. (More solute dissolved in the solvent created a more concentrated solution.)

Even though weak acids and bases do not produce as many  $\text{H}^+$  and  $\text{OH}^-$  ions as stronger acids and bases, they are not chemicals to be treated lightly. Concentrated weak acids and bases still contain enough  $\text{H}^+$  and  $\text{OH}^-$  ions to cause damage.

Treat ALL acids and bases as though they are all concentrated.

Remember to report all spills to your teacher.

