

Acid and Alkali properties

Your task is to compare the appearance, smell and taste of some non-hazardous acids and alkalis.

- 1 Place a small amount of the acidic solution you are testing into a clean paper cup. Write down the name of the solution you are using in the table below.
- 2 Look at the solution and write down its appearance in the table.
- 3 Carefully smell the solution and write down what it smells like in your table.
- 4 Finally, take a clean straw and place it into the solution then on to your tongue. Write down what the solution tastes like in the table.
- 5 Throw the straw and paper cup away and then repeat the experiment using the next solution.

Acidic solution	Alkali solution	Appearance	Smell	Taste

When you have finished the practical, answer the following question.

What do acidic solutions have in common?

What do alkali solutions have in common?