

## Filtering Solid/Liquid Mixtures

Fold the filter paper into halves and then into quarters. Open it so that it makes a cone shape with three thicknesses on one side and one thickness on the other. Place it in a funnel. The filter paper should be approximately 1 cm below the top of the funnel.

If the liquid to be filtered is miscible (mixes with water), use a wash bottle to wet the filter paper by spraying the cone slightly so it sticks to the side of the funnel.

Put a beaker under the funnel, which has been placed in an iron ring that has been clamped to a ring stand. Pour the liquid/solid mixture to be filtered down a glass rod. Be careful not to pour the liquid above the height of the filter paper.

If you need to collect all of the solid in the filter paper, spray the solid remaining in the beaker with water from a wash bottle, and continue pouring the liquid/solid mixture down the stirring rod.

