***SAFETY TIPS WHILE DOING THIS EXPERIMENT***

* ***Wear eye protection. Ammonia solution causes burns and give off ammonia vapors which irritates the eyes, lungs and respiratory system.***
* ***Sodium Hydroxide can cause burns and is dangerous to the eyes.***
* ***Hydrochloric acid can cause burns.***
* ***Barium Chloride is harmful by inhalation an if swallowed.***
* ***Nitric acid can cause burns***