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*Neutralizing pH*

This research project has been conducted to find out which substance- baking soda, corn starch, or egg white would neutralize, or be closest to neutralizing the pH level of sulfuric acid (battery acid) the best. This experiment was conducted for multiple reasons. As many know sulfuric acid is a hazard to the environment

First we checked our battery acid on the pH scale. Next 25 ml of sulfuric acid was placed into nine containers, three trials for each base. Containers were labeled BS 1-3 (baking soda), CS 1-3 (cornstarch), and EW 1-3 (egg white). 20 ml of our variables goes into each of our containers. Then stirred and let set for 24 hours. pH levels were checked.

Test results were as follows: Baking soda- Trial 1-pH 7, Trial 2- pH 7, Trial 3- pH 7, Corn starch- Trial 1-pH 5, Trial 2- pH 6, Trial 3- pH 5 and Egg white- Trial 1-pH 6, Trial 2- pH 6, Trial 3- pH 6.

According to this data, baking soda neutralized the sulfuric acid the best. If we were to continue this experiment we would experiment further with baking soda. These findings are important because this information could be used to neutralize sulfuric acid in the case of a spill, or even for disposal of sulfuric acid. Further experimentation could explore the possibility of using baking soda to neutralize burns.