Physical and chemical changes essay

ASSIGN BUSTER

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I did this lab to find out the differences between chemical and physical changes. I also did this lab to learn the signs that would indicate the chemical reactions and physical changes. I needed to learn the odor change, color change, bubbles or gas, irreversible, temperature changes and finger prints. By the end of the lab, my goal was to be able to didtinguish easily the difference between chemical and physical changes.

Question #1 answer.

- 1. Gas.
- 2. Dissolved in water.
- 3. Liquid
- 4. Insoluble solid or precipate.

Question #2 answer.

When adding HCl into sodium bicarbonate it is forming a new substance but when dry ice sublimes its only rearranging molecules.

Question #3 answer.

- 1. My finger prints
- 2. HCL in to NaOH.
- 3. Mixing rubbing alcohol with water.

Question #4 answer.

- 1. Solid yellow lead iodide and potassium nitrate.
- 2. Burning magnesium.
- 3. Forming crystals.

This lab helped us to learn the difference between chemical and physical changes. In a physical change, the original substances still exist and nothing new has been formed. In a chemical change, new products are formed and it is usually irreversible. Signs that a chemical change has occurred are a change in temperature, a change in odor, a solid is precipitated, it is irreversible or hard to reverse, a change in color, and the production of bubbles, indicating the release of a gas.

This lab has introduced us to physical and chemical changes as well as indicators to them. This lab helped me to learn the difference between chemical and physical changes. In a physical change, the original substances still exists and nothing new has been formed. But in a chemical change, new products are formed and it’s usually irreversible. I have noticed temperature and color changes. The production of bubbles, indicates the release of a gas.