

Gloves and goggles strongly advised for duration of game

Reaction 1:

Potassium iodide and hydrogen peroxide -> hydrogen peroxide, water and potassium iodide

Safety precautions - (Potassium iodide) eye and skin irritation (hydrogen peroxide) blurred vision, redness, skin burns, pain

Reaction 2:

Acetic acid and sodium bicarbonate -> sodium acetate, carbon dioxide, water

Safety precautions - (Acetic acid) redness and blisters on skin, loss of vision, pain (Sodium bicarbonate) Mild eye irritation, sneezing if inhaled (sodium acetate) Mildly irritating to the eyes and skin

Reaction 3:

Copper nitrate and ammonium sulfate -> Ammonium nitrate and copper sulfate

Safety precautions - (copper nitrate) eye and skin irritation (ammonium sulfate) eye and skin irritation (ammonium nitrate) eye, skin, and respiratory irritation, may cause skin burns if in contact for a prolonged period of time (copper sulfate) eye and skin irritation

Reaction 4:

Aluminum and copper chloride -> Aluminum chloride and copper

Safety precautions - (copper chloride) corrosive to eyes and skin, can lead to blindness, blistering, coughing (aluminum chloride) corrosive to eyes and skin, can lead to blindness, blistering, coughing

Beach theme

Volcano in the middle

REACTIONS

- “Volcano”
 - Baking soda and vinegar
 - Double replacement and gas
- Elephant toothpaste
 - Gas
- Ethanol and flame (combustion)
- Flame and Epsom Salt

Materials List:

-Paint (blue, brown, red, yellow, green, black)

-Paper mache

-newspaper

-Elmer’s glue

-Sand

-Paper umbrellas

-Bowls