##### Chemical/Physical Changes/Properties Data

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| Substance | Unmixed | **Mixed with water** | **Mixed with vinegar** | **Mixed with iodine** |
| **Baking Powder** | Fine white powder | Fizzing (reactive) | Fizzing (reactive with the water in vinegar) | Color change to greenish-black and fizzing (reactive) |
| Baking Soda | Fine white powder | Dissolves in water (soluble) | A lot of fizzing  (reactive) | Dissolves in iodine (soluble) |
| Cornstarch | Fine white powder | Does not dissolve in water-forms a white mixture (non-soluble) | Does not dissolve in vinegar- forms a white mixture (non-soluble) | Color change to purplish-black (reactive) |
| Powdered Sugar | Fine white powder | Dissolves in water (soluble) | Dissolves in vinegar (soluble) | Color change to greenish-brown or yellow (reactive) |