

Endo/Exothermic reactions

This demonstration is simply the combining of the two chemicals with water and watching the change in temperature. When Calcium Chloride is added to water and dissolves the reaction will heat which is why it is used to remove ice. The ammonium nitrate when dissolved in water will cool and hence its use as cold packs. One thing to note is that these are not truly reactions but instead simply the chemical dissolving in water.