

# Download Magnesium Hydroxide Sulfuric Acid Magnesium Sulfate Water

1. The Metal Reactivity Series - Metal Reaction Notes - equations and explanations. The ideas behind the 'Reactivity Series of Metals' is introduced and what happens to a metal atom when it reacts. Electrolysis of dilute sulfuric acid. The products of electrolysis of water acidified with sulfuric acid are hydrogen gas and oxygen gas. Two experimental setups are described, the Hofmann voltameter demonstration (left diagram) and a simple cell (right diagram) for use in schools and colleges for pupils to use. MgSO<sub>4</sub> (CTA) 2007 - Page 2(5) S O-O-O O Mg+2 O H H O H H O H H O H H O H H O H H O H H Figure 1. Structural formula of magnesium sulfate heptahydrate Magnesium sulfate heptahydrate is a white, crystalline powder, or brilliant colourless crystals, usually Mg + H<sub>2</sub>SO<sub>4</sub> → MgSO<sub>4</sub> + H<sub>2</sub> → Magnesium (s) + Sulfuric Acid (aq) → Magnesium sulfate (aq) + Hydrogen (g) Many metals will react with acids to produce hydrogen, so they too ...