

Acids and Bases

Read pgs. 268 – 271 to complete.

Names and Formulas of Acids

Acid Name	Chemical Formula	Uses
Binary acids		
hydrofluoric acid		
hydrochloric acid		
hydrosulfuric acid		
Oxyacids		
acetic acid		
nitric acid		
carbonic acid		
sulphuric acid		
phosphoric acid		

Properties of Acids

Property	Acid
type of compound	
conductors of electricity	
Indicator colour	
taste	
water soluble	
products when dissolved in water	

Reaction with Metals**Reaction with Carbonates****Reaction with Base**

Names and Formulas of Bases

Base Name	Chemical Formula	Uses
sodium hydroxide		
calcium hydroxide		
ammonium hydroxide		
magnesium hydroxide		
aluminum hydroxide		
baking soda		

Properties of Bases

Property	Base
type of compound	
conductors of electricity	
Indicator colour	
taste	
feel	
products when dissolved in water	
conductors of electricity	

Colour With Acid-Base Indicators

Several natural chemicals and many synthetic chemicals change colour when they are placed in acidic or basic solutions. A substance that changes its colour depending on the acidity or basicity of the solution is known as an

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Indicator	Colour in Acid	Colour in Base
bromothymol blue		
phenolphthalein		
phenol red		
litmus		
methyl orange		