

3 • What Happens When Chemicals Are Mixed Together?

NAMING ACIDS

An ionic compound in which the cation is H^+ is an **acid**.

- Fill in all of the negative ions (anions) in your list.
- Write the formula of the compound formed between H^+ and your anion. This is the formula of the acid.
- Name the acid according to these rules:
 - “_____ide” → “hydro_____ic acid”
 - “_____ate” → “_____ic acid”
 - S add “ur” P add “or”

	Anion	Acid Formula	Acid Name
	acetate		
	nitrate		
	permanganate		
	chlorate		
	chromate		
	sulfate		
	carbonate		
	dichromate		
	phosphate		

	chloride		
	fluoride		
	bromide		
**	hydroxide		
	iodide		
	sulfide		
**	oxide		

** be careful... these are NOT acids.