

Elements and Compounds Used in the Chemical Reactions Lab – Science 9

Chemical Formula of the element or compound	Positive ion (formula)	Negative ion (formula)	Name of the polyatomic ion	Chemical Name	Common Name
H ₂	Not applicable (element)	Not applicable (element)	Not applicable (element)		
Mg	Not applicable (element)	Not applicable (element)	Not applicable (element)		Not applicable (same as chemical name)
KI			Not applicable (ion of a single element)		Not applicable (same as chemical name)
BaCl ₂			Not applicable (ion of a single element)		Not applicable (same as chemical name)
MgCl ₂			Not applicable (ion of a single element)		Not applicable (same as chemical name)
NaCl			Not applicable (ion of a single element)		
HCl			Not applicable (ion of a single element)		
KOH					Not applicable (same as chemical name)
NaOH					Not applicable (same as chemical name)
H ₂ O (also known as HOH)					

Chemical Formula of the element or compound	Positive ion (formula)	Negative ion (formula)	Name of the polyatomic ion	Chemical Name	Common Name
CuSO_4					Not applicable (same as chemical name)
$\text{Pb}(\text{NO}_3)_2$					Not applicable (same as chemical name)
K_2CrO_4					Not applicable (same as chemical name)
Na_3PO_4					Not applicable (same as chemical name)
Na_2CO_3					Not applicable (same as chemical name)