

CHEMICAL FORMULAE AND NAMES GAMES

Print this game onto thin cardboard. Then cut it into cards for lamination. Students work in pairs. The questioner writes down the formula and the guesser has to say the chemical name. The reverse can also be played.

| | |
|---|--|
| H ₂ O Water | NH ₄ Cl Ammonium chloride |
| Na Cl Sodium chloride | K Cl Potassium chloride |
| Ca Cl ₂ Calcium chloride | Mg O Magnesium oxide |
| Fe O Iron oxide | Cu F ₂ Copper fluoride |
| H ₂ Hydrogen gas | Ca (OH) ₂ Calcium hydroxide |
| C O ₂ Carbon dioxide | Sn O Tin oxide |
| I ₂ Iodine gas | Mn O Manganese oxide |
| Zn Br ₂ Zinc bromide | Na ₂ S Sodium sulphide |
| Ag ₂ O Silver oxide | Na OH Sodium hydroxide |
| Li OH Lithium hydroxide | Br ₂ Bromine gas |
| H Cl Hydrochloric acid | H ₂ S Hydrogen sulphide |
| Al ₂ O ₃ Aluminium oxide | C ₁₂ H ₂₂ O ₁₁ Sucrose sugar |
| NH ₄ NO ₃ Ammonium nitrate | K OH Potassium hydroxide |
| K I Potassium iodide | O ₂ Oxygen gas |
| Pb I ₂ Lead iodide | Ca ₃ (PO ₄) ₂ Calcium phosphate |

| | |
|---|---|
| Ag I Silver iodide | H ₂ O ₂ Hydrogen peroxide |
| K NO ₃ Potassium nitrate | Cu Cl ₂ Copper chloride |
| Al ₂ (SO ₄) ₃ Aluminium sulphate | Ca SO ₄ Calcium sulphate |
| C ₆ H ₁₂ O ₆ Glucose | (NH ₄) ₃ PO ₄ Ammonium phosphate |
| Na HCO ₃ Sodium bicarbonate | C Cl ₄ Carbon tetrachloride |
| CO Carbon monoxide | Pb O lead oxide |
| Ca S Calcium sulphide | Mn Cl ₂ Manganese chloride |
| H ₂ SO ₄ Sulphuric acid | H NO ₃ Nitric acid |
| Al ₂ O ₃ Aluminium oxide | Fe SO ₄ Iron sulphate |
| Ca CO ₃ Calcium carbonate | Al PO ₄ Aluminium phosphate |
| Na ₂ SO ₄ Sodium sulphate | Cu O Copper oxide |
| Zn (OH) ₂ Zinc hydroxide | Ba SO ₄ Barium sulphate |
| Ag Cl Silver chloride | CH ₃ COOH Acetic acid |
| K ₂ SO ₄ Potassium sulphate | Mg SO ₄ Magnesium sulphate |
| Na NO ₃ Sodium nitrate | H ₂ CO ₃ Carbonic acid |