Table of Solubilities in water

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Acetate  C2H3O2 | Bromide  Br | Carbonate  CO3 | Chloride  CL | Chromate  CrO4 | Hydroxide  OH | Iodide  I | Nitrate  NO3 | Phosphate  PO4 | Sulfate  SO4 | Sulfide  S |
| Aluminum | S | S | I | S | I | I | S | S | I | S | I |
| Ammonium | S | S | S | S | S | S | S | S | S | S | S |
| Barium | S | S | I | S | I | S | S | S | I | I | I |
| Calcium | S | S | I | S | S | S | S | S | I | S | I |
| Copper (II) | S | S | I | S | I | I | I | S | I | S | I |
| Iron (II) | S | S | I | S | I | I | S | S | I | S | I |
| Iron (III) | S | S | I | S | I | I | I | S | I | S | I |
| Lead (II) | S | S | I | S | I | I | S | S | I | I | I |
| Magnesium | S | S | I | S | I | I | S | S | I | S | I |
| Mercury (I) | S | I | I | I | I | I | I | S | I | S | I |
| Mercury (II) | S | S | I | S | I | I | I | S | I | I | I |
| Potassium | S | S | S | S | S | S | S | S | S | S | S |
| Silver | S | I | I | I | I | I | I | S | I | S | I |
| Sodium | S | S | S | S | S | S | S | S | S | S | S |
| Zinc | s | S | I | S | I | I | S | S | I | S | I |

“I”: Means insoluble in water or does not dissolve under normal conditions.

“s”: Means soluble in water.