



COMPOUND SOLUBILITY

for Compounds in Common Liquid Fertilizers

Also applies to
Cu & Mn

		Cations							
		Acids H ⁺	Ammonium NH ₄ ⁺	Potassium K ⁺	Calcium Ca ²⁺	Magnesium Mg ²⁺	Zinc Zn ²⁺	Iron Fe ²⁺	Sodium Na ⁺
Anions	Acetate C ₂ H ₃ O ₂ ⁻	● Acetic Acid	● Ammonium Acetate	● Potassium Acetate	● Calcium Acetate	Magnesium Acetate	● Zinc Acetate	● Iron Acetate	Sodium Acetate
	Carbonate CO ₃ ²⁻	Carbonic Acid	N/A	● Potassium Carbonate	● Calcium Carbonate	● Magnesium Carbonate	● Zinc Carbonate	● Iron Carbonate	Sodium Carbonate
	Bicarbonate HCO ₃ ⁻	N/A	Ammonium Bicarbonate	Potassium Bicarbonate	Calcium Bicarbonate	Magnesium Bicarbonate	N/A	N/A	Sodium Bicarbonate
	Hydroxide OH ⁻	● Water	● Ammonium Hydroxide	● Potassium Hydroxide	● Calcium Hydroxide	● Magnesium Hydroxide	● Zinc Hydroxide	● Iron Hydroxide	● Sodium Hydroxide
	Nitrate NO ₃ ⁻	● Nitric Acid	● Ammonium Nitrate	● Potassium Nitrate	● Calcium Nitrate	● Magnesium Nitrate	● Zinc Nitrate	● Iron Nitrate	● Sodium Nitrate
	Oxide O ²⁻	N/A	N/A	● Potassium Oxide	● Calcium Oxide	● Magnesium Oxide	● Zinc Oxide	● Iron Oxide	● Sodium Oxide
	Phosphate PO ₄ ³⁻	● Phosphoric Acid	● Ammonium Phosphate	● Potassium Phosphate	● Calcium Phosphate	● Magnesium Phosphate	● Zinc Phosphate	● Iron Phosphate	Sodium Phosphate
	Sulfate SO ₄ ²⁻	● Sulfuric Acid	● Ammonium Sulfate	● Potassium Sulfate	● Calcium Sulfate	● Magnesium Sulfate	● Zinc Sulfate	● Iron Sulfate	Sodium Sulfate
	Thiosulfate S ₂ O ₃ ²⁻	N/A	● Ammonium Thiosulfate	● Potassium Thiosulfate	● Calcium Thiosulfate	● Magnesium Thiosulfate	N/A	N/A	Sodium Thiosulfate
	Citrate C ₆ H ₅ O ₇ ³⁻	● Citric Acid	Ammonium Citrate	● Potassium Citrate	● Calcium Citrate	Magnesium Citrate	Zinc Citrate	● Iron Citrate	Sodium Citrate
	Chloride Cl ⁻	● Hydrochloric Acid	● Ammonium Chloride	● Potassium Chloride	● Calcium Chloride	Magnesium Chloride	Zinc Chloride	● Iron Chloride	Sodium Chloride
	Molybdate MoO ₄ ²⁻	Molybdic Acid	● Ammonium Molybdate	● Potassium Molybdate	● Calcium Molybdate	Magnesium Molybdate	Zinc Molybdate	● Iron Molybdate	● Sodium Molybdate
Borate BO ₃ ²⁻	● Boric Acid	Ammonium Borate	Potassium Borate	● Calcium Borate	● Magnesium Borate	Zinc Borate	● Iron Borate	● Sodium Borate	

Soluble
Conditionally Soluble
Insoluble

● Common Ingredient in Fertilizers

This guide is based on mixes done at full concentration at temps 60-70°F. Always read and follow handling instructions on product packaging.