

BORATES MINERAL SOLUBILITY IN WATER

Calcium and Magnesium Borate



WATER INSOLUBLE
(0.08 g/ 100 ml)

Hydroboracite



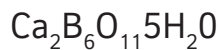
Water insoluble (0.08 g/100 ml) 48% B_2O_3 → 15%B

Calcium Borate



LOW SOLUBILITY IN WATER
(0.47 g/ 100 ml)
<10% water soluble

Colemanite



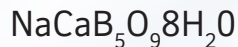
Water insoluble (0.47 g/100 ml) 40-48% B_2O_3 → 15%B

Sodium and Calcium Borate



PARTIALLY WATER SOLUBLE
(1.09 g/100 ml)
25-50% water soluble

Ulexite



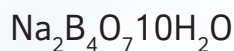
Partially water soluble (1.09 g/100 ml) 32-42% B_2O_3 → 8-15%B

Sodium Borates



WATER SOLUBLE
(2.65 g/100 ml)
100% water soluble

Tincal (Borax)

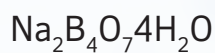


Water soluble (2.65 g/100 ml) 35% B_2O_3 → 11%B



WATER SOLUBLE
(1.90 g/100 ml)
100% water soluble

Kernite



Water soluble (1.90 g/100 ml) 48% B_2O_3 → 15%B

