

# BORATES MINERAL SOLUBILITY IN WATER

## Calcium and Magnesium Borate



**WATER INSOLUBLE**  
(0.08 g/ 100 ml)  
0% water soluble

### Hydroboracite



Water insoluble (0.08 g/100 ml) 48%  $\text{B}_2\text{O}_3$  → 15%B

## Calcium Borate



**PARTIALLY WATER SOLUBLE**  
(0.47 g/ 100 ml)  
30-50% water soluble

### Colemanite



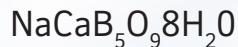
Water insoluble (0.47 g/100 ml) 40-48%  $\text{B}_2\text{O}_3$  → 15%B

## Sodium and Calcium Borate



**PARTIALLY WATER SOLUBLE**  
(1.09 g/100 ml)  
30-50% water soluble

### Ulexite



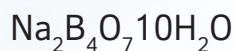
Partially water soluble (1.09 g/100 ml) 32-42%  $\text{B}_2\text{O}_3$  → 8-15%B

## Sodium Borates



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

### Tincal (Borax)

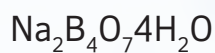


Water soluble (2.65 g/100 ml) 35%  $\text{B}_2\text{O}_3$  → 11%B



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

### Kernite



Water soluble (1.90 g/100 ml) 48%  $\text{B}_2\text{O}_3$  → 15%B

