

onBalance Simplified Formula Numbers for Chemical Additions

Raising Alkalinity	Number	Chemical Formula	Strength
Sodium Bicarbonate	71,400	NaHCO_3	100%
Sodium Carbonate	113,200	Na_2CO_3	100%
Sodium Sesquicarbonate	80,000	$\text{Na}_2\text{CO}_3 \cdot \text{NaHCO}_3 \cdot 2\text{H}_2\text{O}$	100%
Lowering Alkalinity			
Muriatic Acid	125,000	HCl in solution	31.45%
Sulfuric Acid	126,700	H_2SO_4	38.5%
Sodium Bisulfate	47,000	NaHSO_4	94.5%
Raising Chlorine			
Chlorine Gas	120,000	Cl_2	100% av Cl
Sodium Hypochlorite	30,000	NaOCl	10% chlorine by weight
Calcium Hypochlorite	78,000	$\text{Ca}(\text{OCl})_2$	65% av Cl
Lithium Hypochlorite	42,000	LiOCl	35% av Cl
Trichlor	108,000	$\text{C}_3\text{N}_3\text{O}_3\text{Cl}_3$	99% av Cl
Dichlor	67,200	$\text{C}_3\text{N}_3\text{O}_3\text{Cl}_2\text{Na}$	56% av Cl
Dichlor	74,400	$\text{C}_3\text{N}_3\text{O}_3\text{Cl}_2\text{Na}$	62% av Cl
Lowering Chlorine			
Sodium Sulfite	67,250	Na_2SO_3	
Sodium Thiosulfate	117,600	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$	100%
Adding Ancillary Chemicals			
Calcium Chloride	83,300	$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	77% (flake)
Calcium Chloride	101,700	CaCl_2	94% (prill)
Cyanuric Acid	120,000	$\text{C}_3\text{N}_3\text{O}_3\text{H}_3$	100%
Borax (pentahydrate, or 5 mol)	17,800	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$	100%
Borax (decahydrate, or 10 mol)	13,660	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$	100%
PHMB	250,000		20%