

# Universal Dosage Formula

$$\text{Pounds} = \left( \frac{\text{Pool Gallons} \times \text{PPM change}}{120,000} \right) \times \text{Multiplier}$$

Chemical	Multiplier		Weight in 1lb DE Scoop
<b>Alkalinity – Down</b>			
Muriatic Acid ( <b>quarts</b> )	.96		N/A
Sodium Bisulfate (Dry Acid)	2.55		4.6 lbs.
<b>Alkalinity – Up</b>			
Sodium Bicarb (Baking Soda)	1.68		3.9 lbs.
Sodium Carbonate (Soda Ash)	1.06		4 lbs.
<b>Chlorine</b>		<b>Amount Needed to Equal ACC of 1 lb. of Cl<sub>2</sub> gas</b>	
Sodium Hypochlorite - Bleach (Liquid 12%, <b>gallon</b> )	1	<b>1 gallon</b>	N/A
TriChlor (90%)	1.09	1.1 lbs. (≈ 2 tabs)	3.5 lbs.
Sodium DiChlor (56%)	1.81	1.8 lbs.	3.3 lbs.
Calcium Hypochlorite (65%)	1.55	1.5 lbs.	2.9 lbs.
<b>Calcium - Calcium Chloride (77%)</b>	1.44		3 lbs.
<b>Stabilizer - Cyanuric Acid</b>	1		2.4 lbs.
<b>Salt</b>	1		3.8 lbs.
<b>Borate</b> (5 mol, pentahydrate)	6.74		
(10 mol, decahydrate)	9.09		
Boric Acid	5.7		

$$\text{PPM} = \frac{\text{Pounds} \times 120,000}{\text{Pool Gallons/Multiplier}}$$

$$\text{Pool Gallons} = \frac{\text{Pounds} \times 120,000}{\text{PPM/Multiplier}}$$