

## Sodium Sulfate Regenerant

NORMAL SALT REGENERATION	SODIUM SULFATE REGENERATION
6 lbs./cu. ft. NaCl applied at 10% strength	Equivalent Dose = 6 lbs./cu. ft. x 2.75 = 16.5 lbs./cu. ft.
Gallons of Concentrated Brine Needed 6 lbs./cu. ft. ÷ 2.6 lbs./gal. = 2.3 gals. Concentrated brine	Gallons of Concentrated Sodium Sulfate Needed 16.5 lbs. ÷ 0.92 lbs./gal. = 17.93 say 18 gals.
Gallons of 10% Brine Needed 6 lbs./cu. ft. ÷ 0.8935 lbs./gal. = 6.7 gals. 10% brine	Concentrated sodium sulfate is 0.92 lbs./gal. (about 10%)
Gallons of Dilution Water Needed 6.7 gals. 10% - 2.3 gals. Conc. = 4.4 gals. H <sub>2</sub> O	

