

Proportions for preparing sodium chloride solution from commercial grade salt (i.e., up to 5 percent impurities).

%NaCl actual	Weight NaCl		Crystallization temperature °F	Weight per unit volume of solution lb/gal
	per volume solution lb/gal	per volume water lb/gal		
10	0.9	0.8	20	8.95
15	1.4	1.3	12	9.28
20	1.9	1.7	0	9.6
23*	2.3	1.9	-6	9.76
25	2.5	2.1	16	10.3

*Note. This is the approximate eutectic composition, i.e., the composition that results in the lowest temperature at which a solution can exist while remaining completely liquid.