

Data for Calcium Chloride Solution Using 94-97% CaCl₂

CaCl ₂ Concentration (% by weight)	Density (ppg)	CaCl ₂ per finished barrel (ppb)	Percent Volume to Start	Cl ₂ ⁻ (mg/l)	Ca ⁺ (mg/l)	CaCl ₂ (mg/l)
0.9%	8.4	3.00	99.70%	5,485	3,100	8,585
2.2%	8.54	10.75	99.45%	14,403	8,141	22,544
3.6%	8.60	13.00	99.20%	23,569	13,322	36,891
4.6%	8.68	18.20	99.07%	30,070	16,996	47,066
5.5%	8.75	22.02	98.93%	36,780	20,789	57,569
6.5%	8.80	24.00	98.80%	43,487	24,580	68,067
7.4%	8.90	29.86	98.47%	50,132	28,336	78,467
8.3%	8.97	33.85	98.13%	56,770	32,088	88,858
9.3	9.00	35.00	97.80%	63,543	35,916	99,459
11.9%	9.20	46.00	97.10%	82,352	46,548	128,901
14.7%	9.40	58.00	96.20%	103,379	58,433	161,812
16.0%	9.50	63.78	95.60%	114,636	64,796	179,431
17.4%	9.60	70.00	95.00%	126,246	71,358	197,604
19.7%	9.80	81.00	94.30%	145,589	82,291	227,880
22.4%	10.00	94.00	93.10%	168,366	95,166	263,532
24.7%	10.20	106.00	91.90%	189,294	106,995	296,289
27.0%	10.40	118.00	91.20%	210,188	118,805	328,993
29.2%	10.60	130.00	90.00%	231,093	130,621	361,714
30.3%	10.70	134.60	89.65%	243,521	137,646	381,168
31.3%	10.80	142.00	89.30%	256,342	144,892	401,234
33.3%	11.00	154.00	87.80%	277,537	156,873	434,410
35.5%	11.20	167.00	86.40%	300,724	169,979	470,703
37.6%	11.40	180.00	85.40%	323,912	183,085	506,998
39.4%	11.60	192.00	84.30%	345,400	195,231	540,632

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