

Richard hourigan, inc.

Responding to the needs of industry since 1973

Sodium Chloride (Salt) Brine Tables for Brine at 60 F (15° C) in US Gallons

Salometer Degrees	Percent of Sodium Chloride (Salt) by Weight	Pounds of Salt per Gallon of Water	Pounds of Salt per Gallon of Brine	Pounds of Water per Gallon of Brine
0	0	0	0	8.328
1	0.264	0.022	0.022	8.323
2	0.526	0.044	0.044	8.317
3	0.792	0.066	0.066	8.307
4	1.056	0.089	0.089	8.298
5	1.32	0.111	0.111	8.292
6	1.584	0.134	0.133	8.286
7	1.848	0.157	0.156	8.28
8	2.112	0.18	0.178	8.274
9	2.376	0.203	0.201	8.268
10	2.64	0.226	0.224	8.262
11	2.903	0.249	0.247	8.256
12	3.167	0.272	0.27	8.25
13	3.431	0.296	0.293	8.239
14	3.695	0.32	0.316	8.229
15	3.959	0.343	0.339	8.222
16	4.223	0.367	0.362	8.216
17	4.487	0.391	0.386	8.209
18	4.751	0.415	0.409	8.202
19	5.015	0.44	0.433	8.195
20	5.279	0.464	0.456	8.188
21	5.543	0.489	0.48	8.181
22	5.807	0.513	0.504	8.174
23	6.071	0.538	0.528	8.167
24	6.335	0.563	0.552	8.159
25	6.599	0.588	0.576	8.152
26	6.863	0.614	0.6	8.144
27	7.127	0.639	0.624	8.137
28	7.391	0.665	0.649	8.129
29	7.655	0.69	0.673	8.121
30	7.919	0.716	0.698	8.113
31	8.162	0.742	0.722	8.105
32	8.446	0.768	0.747	8.097

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33	8.71	0.795	0.772	8.089
34	8.974	0.821	0.797	8.081
35	9.238	0.848	0.822	8.073
36	9.502	0.874	0.847	8.064
37	9.766	0.901	0.872	8.056
38	10.03	0.928	0.897	8.047
39	10.294	0.956	0.922	8.038
40	10.558	0.983	0.948	8.03
41	10.822	1.011	0.973	8.021
42	11.086	1.038	0.999	8.012
43	11.35	1.066	1.025	8.003
44	11.614	1.094	1.05	7.994
45	11.878	1.123	1.076	7.985
46	12.142	1.151	1.102	7.975
47	12.406	1.179	1.128	7.966
48	12.67	1.208	1.154	7.957
49	12.934	1.237	1.181	7.947
50	13.198	1.266	1.207	7.937
51	13.461	1.295	1.233	7.928
52	13.725	1.325	1.26	7.918
53	13.989	1.355	1.286	7.908
54	14.253	1.384	1.313	7.898
55	14.517	1.414	1.34	7.888
56	14.781	1.444	1.368	7.878
57	15.045	1.475	1.393	7.867
58	15.309	1.505	1.42	7.857
59	15.573	1.536	1.447	7.847
60	15.837	1.567	1.475	7.836
61	16.101	1.598	1.502	7.826
62	16.365	1.63	1.529	7.815
63	16.629	1.661	1.557	7.804
64	16.893	1.693	1.584	7.793
65	17.157	1.725	1.612	7.782
66	17.421	1.757	1.639	7.771
67	17.685	1.789	1.668	7.764
68	17.949	1.822	1.697	7.756
69	18.213	1.854	1.725	7.744

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70	18.477	1.887	1.753	7.733
71	18.74	1.921	1.781	7.721
72	19.004	1.954	1.809	7.71
73	19.268	1.988	1.837	7.698
74	19.532	2.021	1.866	7.686
75	19.796	2.056	1.895	7.678
76	20.06	2.09	1.925	7.669
77	20.324	2.124	1.953	7.657
78	20.588	2.159	1.982	7.645
79	20.852	2.194	2.011	7.633
80	21.116	2.229	2.04	7.621
81	21.38	2.265	2.069	7.608
82	21.644	2.3	2.098	7.596
83	21.908	2.336	2.128	7.586
84	22.172	2.372	2.159	7.577
85	22.436	2.409	2.188	7.584
86	22.7	2.446	2.217	7.551
87	22.964	2.482	2.248	7.542
88	23.228	2.52	2.279	7.532
89	23.492	2.557	2.309	7.519
90	23.756	2.595	2.338	7.505
91	24.019	2.633	2.368	7.492
92	24.283	2.671	2.398	7.479
93	24.547	2.709	2.43	7.468
94	24.811	2.748	2.461	7.458
95	25.075	2.787	2.491	7.444
96	25.339	2.826	2.522	7.43
97	25.603	2.866	2.552	7.416
98	25.867	2.908	2.57	7.409
99	26.131	2.948	2.616	7.394
99.6	26.289	2.97	2.634	7.385
100	26.395	2.986	2.647	7.38

For more information or to purchase a Salometer (ASTM E 100, Brine Tester), visit: www.TheWaterTreatmentStore.com