

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

At 100 degrees brine is fully saturated and contains 26.395 % of salt.

1 US gallon of water weighs 8.33 lbs, 1 US gallon = 3.8 liters = 3.8 kilograms, 1 pound = .453kg, 1kg = 2.2 lbs.

Salometer Degrees	Pounds of Salt per Gallon of Water	Percent of Sodium Chloride (Salt) by Weight	Pounds of Salt per Gallon of Brine	Pounds of Water per Gallon of Brine
0	0.000	0.000	0.000	8.328
1	0.022	0.264	0.022	8.323
2	0.044	0.526	0.044	8.317
3	0.066	0.792	0.066	8.307
4	0.089	1.056	0.089	8.298
5	0.111	1.320	0.111	8.292
6	0.134	1.584	0.133	8.286
7	0.157	1.848	0.156	8.280
8	0.180	2.112	0.178	8.274
9	0.203	2.376	0.201	8.268
10	0.226	2.640	0.224	8.262
11 Washed Rinds	0.249	2.903	0.247	8.256
12	0.272	3.167	0.270	8.250
13	0.296	3.431	0.293	8.239
14	0.320	3.695	0.316	8.229
15	0.343	3.959	0.339	8.222
16	0.367	4.223	0.362	8.216
17	0.391	4.487	0.386	8.209
18	0.415	4.751	0.409	8.202
19	0.440	5.015	0.433	8.195
20	0.464	5.279	0.456	8.188
21	0.489	5.543	0.480	8.181
22	0.513	5.807	0.504	8.174
23	0.538	6.071	0.528	8.167
24	0.563	6.335	0.552	8.159
25	0.588	6.599	0.576	8.152
26	0.614	6.863	0.600	8.144
27	0.639	7.127	0.624	8.137
28	0.665	7.391	0.649	8.129
29	0.690	7.655	0.673	8.121
30	0.716	7.919	0.698	8.113
31	0.742	8.182	0.722	8.105
32	0.768	8.446	0.747	8.097
33	0.795	8.710	0.772	8.089
34	0.821	8.974	0.797	8.081
35	0.848	9.238	0.822	8.073
36	0.874	9.502	0.847	8.064
37	0.901	9.766	0.872	8.056
38	0.928	10.030	0.897	8.047
39	0.956	10.294	0.922	8.038
40	0.983	10.558	0.948	8.030
41	1.011	10.822	0.973	8.021
42	1.038	11.086	0.999	8.012
43	1.066	11.350	1.025	8.003
44	1.094	11.614	1.050	7.994
45	1.123	11.878	1.076	7.985
46	1.151	12.142	1.102	7.975
47	1.179	12.406	1.128	7.966
48	1.208	12.670	1.154	7.957
49	1.237	12.934	1.181	7.947
50	1.266	13.198	1.207	7.937
51	1.295	13.461	1.233	7.928
52	1.325	13.725	1.260	7.918
53	1.355	13.989	1.286	7.908
54	1.384	14.253	1.313	7.898
55	1.414	14.517	1.340	7.888
56	1.444	14.781	1.368	7.878
57	1.475	15.045	1.393	7.867
58	1.505	15.309	1.420	7.857

Salometer Degrees	Pounds of Salt per Gallon of Water	Percent of Sodium Chloride (Salt) by Weight	Pounds of Salt per Gallon of Brine	Pounds of Water per Gallon of Brine
59	1.536	15.573	1.447	7.847
60	1.567	15.837	1.475	7.836
61	1.598	16.101	1.502	7.826
62	1.630	16.365	1.529	7.815
63	1.661	16.629	1.557	7.804
64	1.693	16.893	1.584	7.793
65	1.725	17.157	1.612	7.782
66	1.757	17.421	1.639	7.771
67	1.789	17.685	1.668	7.764
68	1.822	17.949	1.697	7.756
69	1.854	18.213	1.725	7.744
70	1.887	18.477	1.753	7.733
71	1.921	18.740	1.781	7.721
72	1.954	19.004	1.809	7.710
73	1.988	19.268	1.837	7.698
74	2.021	19.532	1.866	7.686
75	2.056	19.796	1.895	7.678
76	2.090	20.060	1.925	7.669
77	2.124	20.324	1.953	7.657
78	2.159	20.588	1.982	7.645
79	2.194	20.852	2.011	7.633
80	2.229	21.116	2.040	7.621
81	2.265	21.380	2.069	7.608
82	2.300	21.644	2.098	7.596
83	2.336	21.908	2.128	7.586
84	2.372	22.172	2.159	7.577
85	2.409	22.436	2.188	7.584
86	2.446	22.700	2.217	7.551
87	2.482	22.964	2.248	7.542
88	2.520	23.228	2.279	7.532
89	2.557	23.492	2.309	7.519
90	2.595	23.756	2.338	7.505
91	2.633	24.019	2.368	7.492
92	2.671	24.283	2.398	7.479
93	2.709	24.547	2.430	7.468
94	2.748	24.811	2.461	7.458
95 Saturated Brine ↓	2.787	25.075	2.491	7.444
96	2.826	25.339	2.522	7.430
97	2.866	25.603	2.552	7.416
98	2.908	25.867	2.570	7.409
99	2.948	26.131	2.616	7.394
99.6	2.970	26.289	2.634	7.385
100	2.986	26.395	2.647	7.380