



Magnesium Chloride Gravity / Concentration and Freezing Points Chart

Concentration wt % MgCl ₁₂	Freezing Temperature		Density	
	F	C	Specific Gravity @ 25 C	Lbs/Gal
5	26	-3	1.04	8.67
6	25	-4	1.05	8.76
7	23	-5	1.06	8.84
8	21	-6	1.07	8.93
9	19	-7	1.08	9.01
10	17	-8	1.09	9.1
11	15	-9	1.1	9.17
12	10	-12	1.11	9.26
13	7	-14	1.12	9.34
14	5	-15	1.13	9.43
15	2	-17	1.14	9.51
16	-2	-19	1.15	9.6
17	-6	-21	1.16	9.67
18	-12	-24	1.17	9.77
19	-16	-27	1.18	9.84
20	-22	-30	1.19	9.94
21	-23	-31	1.2	10.01
22	-25	-32	1.21	10.11
23	-19	-28	1.22	10.17
24	-15	-26	1.23	10.28
25	-14	-26	1.24	10.34
26	-12	-24	1.25	10.46
27	-9	-23	1.26	10.51
28	-2	-19	1.27	10.63
29	0	-18	1.28	10.68
30	1	-17	1.29	10.8
31	4	-16	1.3	10.84
32	8	-13	1.31	10.97
33	12	-13	1.33	11.09
34	24	-4	1.34	11.14
35	57*	14	1.35	11.26
36	*	*	1.36	11.31