

**GILES CHEMICAL ~ PREMIER MAGNESIA****Company Form**Title: **Chart Showing %MgSO₄**Number: **L12-PR-100-F033**Owner: **Carl Mooney**Revision: **0**Effective Date: **06/26/09**Page: **1 of 1****CHART SHOWING % MgSO₄****vs.****SPECIFIC GRAVITY and TEMPERATURE**

PERCENT MgSO ₄												
TEMP	27%	28%	29%	30%	31%	32%	33%	34%	35%	36%	37%	38%
20	1.3088	1.3226	1.3362	1.3497	1.3636	1.3774	1.3915	1.4056	1.4200	1.4344	1.4481	1.4637
22	1.3082	1.3220	1.3356	1.3491	1.3630	1.3768	1.3909	1.4050	1.4194	1.4338	1.4475	1.4631
24	1.3075	1.3213	1.3349	1.3484	1.3623	1.3761	1.3902	1.4043	1.4187	1.4331	1.4468	1.4624
26	1.3069	1.3207	1.3343	1.3478	1.3617	1.3755	1.3896	1.4037	1.4181	1.4325	1.4462	1.4618
28	1.3062	1.3200	1.3336	1.3471	1.3610	1.3748	1.3889	1.4030	1.4174	1.4318	1.4455	1.4611
30	1.3056	1.3194	1.3330	1.3465	1.3604	1.3742	1.3883	1.4024	1.4168	1.4312	1.4449	1.4605
32	1.3047	1.3185	1.3321	1.3456	1.3595	1.3733	1.3874	1.4015	1.4159	1.4303	1.4440	1.4596
34	1.3038	1.3176	1.3312	1.3447	1.3586	1.3724	1.3865	1.4006	1.4150	1.4294	1.4431	1.4587
36	1.3029	1.3167	1.3303	1.3438	1.3577	1.3715	1.3856	1.3997	1.4141	1.4285	1.4422	1.4578
38	1.3020	1.3158	1.3294	1.3429	1.3568	1.3706	1.3847	1.3988	1.4132	1.4276	1.4413	1.4569
40	1.3011	1.3149	1.3285	1.3420	1.3559	1.3697	1.3838	1.3979	1.4123	1.4267	1.4404	1.4560
42	1.3000	1.3138	1.3274	1.3409	1.3548	1.3686	1.3827	1.3968	1.4112	1.4256	1.4393	1.4549
44	1.2989	1.3127	1.3263	1.3398	1.3537	1.3675	1.3816	1.3957	1.4101	1.4245	1.4382	1.4538
46	1.2979	1.3117	1.3253	1.3388	1.3527	1.3665	1.3806	1.3947	1.4091	1.4235	1.4372	1.4528
48	1.2968	1.3106	1.3242	1.3377	1.3516	1.3654	1.3795	1.3936	1.4080	1.4224	1.4361	1.4517
50	1.2957	1.3095	1.3231	1.3366	1.3505	1.3643	1.3784	1.3925	1.4069	1.4213	1.4350	1.4506
52	1.2944	1.3082	1.3218	1.3353	1.3492	1.3630	1.3771	1.3912	1.4056	1.4200	1.4337	1.4493
54	1.2931	1.3069	1.3205	1.3340	1.3479	1.3617	1.3758	1.3899	1.4043	1.4187	1.4324	1.4480
56	1.2919	1.3057	1.3193	1.3328	1.3467	1.3605	1.3746	1.3887	1.4031	1.4175	1.4312	1.4468
58	1.2906	1.3044	1.3180	1.3315	1.3454	1.3592	1.3733	1.3874	1.4018	1.4162	1.4299	1.4455
60	1.2893	1.3031	1.3167	1.3302	1.3441	1.3579	1.3720	1.3861	1.4005	1.4149	1.4286	1.4442
62	1.2879	1.3017	1.3153	1.3288	1.3427	1.3565	1.3706	1.3847	1.3991	1.4135	1.4272	1.4428
64	1.2865	1.3003	1.3139	1.3274	1.3413	1.3551	1.3692	1.3833	1.3977	1.4121	1.4258	1.4414
66	1.2850	1.2988	1.3124	1.3259	1.3398	1.3536	1.3677	1.3818	1.3962	1.4106	1.4243	1.4399
68	1.2836	1.2974	1.3110	1.3245	1.3384	1.3522	1.3663	1.3804	1.3948	1.4092	1.4229	1.4385
70	1.2822	1.2960	1.3096	1.3231	1.3370	1.3508	1.3649	1.3790	1.3934	1.4078	1.4215	1.4371
72	1.2808	1.2946	1.3082	1.3217	1.3356	1.3494	1.3635	1.3776	1.3920	1.4064	1.4201	1.4357
74	1.2793	1.2931	1.3067	1.3202	1.3341	1.3479	1.3620	1.3761	1.3905	1.4049	1.4186	1.4342
76	1.2779	1.2917	1.3053	1.3188	1.3327	1.3465	1.3606	1.3747	1.3891	1.4035	1.4172	1.4328
78	1.2764	1.2902	1.3038	1.3173	1.3312	1.3450	1.3591	1.3732	1.3876	1.4020	1.4157	1.4313
80	1.2750	1.2888	1.3024	1.3159	1.3298	1.3436	1.3577	1.3718	1.3862	1.4006	1.4143	1.4299

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