

Calcium Chloride (CaCl₂)

Dynalene offers **Calcium Chloride** in liquid and solid forms. Liquid solutions can be made to specific specifications to meet your needs perfectly. **Dynalene's Calcium Chloride** solution is held to the same high standards as all of our fluids.

Calcium Chloride solutions are available in 55 gallon drums, 265 gallon totes, and bulk quantities.

Solid forms of **Calcium Chloride** will come in 50 pound bags or super sacks.

Typical Properties of **Calcium Chloride** solution.

Composition (% by weight)

CaCl ₂ :	28%-42%
DI water:	Balance

Appearance and Color: Clear, Colorless to Pale Yellow
Odor: None

Boiling Point:	110-122 °C (230-252°F)
Flash Point (closed cup):	None
pH :	9.2 (estimated)
Specific Gravity:	1.275-1.439

Applications

- Dust Control
- Road Deicing
- Concrete Acceleration
- Tire Weighting
- Brine Refrigeration
- Waste Water Treatment
- Chemical Processing

Benefits of using Dynalene

- Pre-mix solutions
- Custom blends
- Proven performance
- Available throughout North America
- Cost effective
- Total Fluid Care
- Business Partnership Program

Call today for pricing and availability.
The number is
610-262-9686
or toll free at
1-877-244-5525



For more technical, health and safety information or to request a Material Safety Data Sheet (MSDS), contact our Dynalene sales representative at:
Phone: **610-262-9686** Fax: **610-262-7437** E-mail: **info@dynalene.com**

Calcium Chloride (CaCl₂)

Weight% CaCl ₂	Specific Gravity	Density (lbs/gal)	Freezing Point °F
5	1.047	8.72	27
10	1.09	9.06	20
15	1.139	9.47	10
16	1.149	9.55	8
17	1.159	9.63	5
18	1.169	9.71	2
19	1.179	9.8	-1
20	1.189	9.88	-4
21	1.199	9.96	-8
22	1.209	10.05	-12
23	1.219	10.13	-16
24	1.228	10.2	-20
25	1.24	10.3	-25
26	1.251	10.4	-31
27	1.263	10.5	-38
28	1.275	10.6	-46
29	1.287	10.69	-53
29.6	1.294	10.75	-60
30	1.298	10.79	-52
31	1.31	10.89	-34
32	1.322	10.99	-17
33	1.334	11.09	-4
34	1.345	11.18	10
35	1.357	11.28	20
40	1.416	11.77	61
45	1.474	12.25	78

Weight % CaCl ₂	Viscosity of CaCl ₂ Mixtures in cP												
	Temperature °F												
	-4	14	32	50	68	86	104	122	140	158	176	194	212
0			1.77	1.29	1.02	0.79	0.67	0.53	0.46	0.4	0.34	0.3	0.26
5			1.84	1.35	1.07	0.82	0.73	0.57	0.51	0.45	0.39	0.35	0.28
10			2.13	1.52	1.16	0.93	0.86	0.64	0.57	0.51	0.47	0.42	0.35
15		4.09	2.5	1.84	1.4	1.2	1.03	0.76	0.68	0.62	0.55	0.49	0.42
20		4.97	3.12	2.33	1.81	1.54	1.22	0.99	0.85	0.74	0.68	0.59	0.49
25	9.94	6.32	4.04	3.07	2.38	1.97	1.54	1.27	1.07	0.9	0.82	0.7	0.59
30	14.27	9.04	5.77	4.3	3.33	2.62	2.07	1.73	1.43	1.24	1.01	0.89	0.73
35			8.83	6.62	4.99	3.87	3.07	2.54	2.17	1.82	1.46	1.22	1.03
40				11.75	8.48	6.39	4.9	4	3.26	2.72	2.15	1.74	1.52
45						11.5	8.9	6.57	5.24	4.25	3.39	2.77	2.33
50								11.8	9.24	7.45	5.97	4.95	4.28

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