

Dynalene PG

Inhibited Propylene Glycol Heat Transfer Fluid

Dynalene PG, a non-toxic, inhibited propylene glycol that offers superior corrosion protection. Dynalene PG offers low acute oral toxicity, allowing it to be used in applications where incidental contact with food or beverage products may occur.

Dynalene's Glycol family of fluids is available across North America in bulk trucks, IBC (totes) containers, 55-gallon drums and 5 gallon pails at a reasonable price.

For your convenience, Dynalene is able to provide 3 fully staffed labs to test your fluid annually to insure the Dynalene Glycol operates a peak performance.

Typical Properties of Dynalene PG

Composition: Propylene Glycol
Appearance and Color: Clear
Odor: Sweet

Composition (% by weight)

Propylene Glycol : 94.5%

Inhibitors : 5.5%

Reserve Alkalinity (min.) : 10.6 ml

Flash Point (closed cup) : 102°C (215°F)

pH : 9.0 — 9.6

Recommended Temperature Ranges:

Closed System: -29°C (-20°F) to 121°C (250°F)

Prime Applications

- HVAC/R
- Solar applications
- Thermal Energy Storage
- Processing Cooling/Heating
- Line Heaters
- Snow Melting
- Refrigeration Systems
- Plastic Extrusion

Benefits of using Dynalene PG

- Pre-mix solutions
- Custom blends
- Ability to be re-inhibited
- Proven performance
- Available throughout North America
- Cost effective
- Equivalent chemistry

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

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Vol % Dynalene PG	Wt % Dynalene PG	Freeze Point °F	Freeze Point °C	Boiling Point °F	Refractive Index 22°C (72°F)	Specific Gravity 22°C (72°F)
0	0	32	0	212	1.3328	1.000
5	5.2	29	-1.7	212	1.3385	1.005
10	10.5	26	-3.3	212	1.3439	1.010
15	15.6	23	-5.0	212	1.3501	1.015
20	20.8	19	-7.2	213	1.3665	1.020
21	21.8	17	-8.3	213	1.3576	1.021
22	22.9	17	-8.3	213	1.3590	1.022
23	23.9	16	-8.9	213	1.3601	1.023
24	24.9	15	-9.4	213	1.3613	1.024
25	25.9	14	-10.1	214	1.3626	1.025
26	27.0	13	-10.6	214	1.3629	1.026
27	28.0	12	-11.1	214	1.3651	1.027
28	29.0	10	-12.2	215	1.3663	1.028
29	30.1	9	-12.8	216	1.3676	1.029
30	31.1	8	-13.3	216	1.3689	1.030
31	32.1	7	-13.9	216	1.3699	1.031
32	33.1	5	-15.0	216	1.3711	1.032
33	34.1	4	-15.6	216	1.3722	1.032
34	35.1	2	-16.7	217	1.3734	1.033
35	36.1	1	-17.2	217	1.3745	1.034
36	37.2	-1	-18.3	217	1.3759	1.035
37	38.2	-3	-19.4	218	1.3769	1.036
38	39.2	-4	-20.0	218	1.3781	1.037
39	40.2	-6	-21.1	219	1.3792	1.038
40	41.2	-8	-22.2	219	1.3804	1.039
41	42.2	-10	-23.3	219	1.3815	1.040
42	43.2	-12	-24.4	219	1.3827	1.041
43	44.2	-14	-25.5	219	1.3838	1.042
44	45.2	-16	-26.7	220	1.3849	1.043
45	46.2	-18	-27.8	220	1.3860	1.044
46	47.2	-21	-29.4	220	1.3872	1.045
47	48.2	-23	-30.6	221	1.3883	1.046
48	49.2	-26	-32.2	221	1.3894	1.047
49	50.2	-28	-33.3	222	1.3905	1.048
50	51.2	-31	-35.0	222	1.3916	1.049
51	52.2	-34	-36.7	222	1.3926	1.049
52	53.2	-37	-38.3	223	1.3937	1.050
53	54.2	-40	-40.0	223	1.3947	1.050
54	55.2	-43	-41.7	223	1.3958	1.051
55	56.2	-46	-43.3	223	1.3968	1.052
56	57.2	-49	-45.0	224	1.3978	1.053
57	58.2	-53	-47.2	224	1.3988	1.054
58	59.2	-56	-48.9	224	1.4000	1.054
59	60.2	<-60	-51.1	225	1.4010	1.055
60	61.2	<-60	-51.1	225	1.4020	1.055
65	66.1	<-60	-51.1	227	1.4067	1.057
70	71.0	<-60	-51.1	230	1.4113	1.057
75	75.9	<-60	-51.1	238	1.4158	1.058
80	80.8	<-60	-51.1	246	1.4201	1.059
85	85.6	<-60	-51.1	258	1.4241	1.056
90	90.4	<-60	-51.1	270	1.4248	1.056
95	95.2	<-60	-51.1	310	1.4315	1.052