

# Dynalene EG

## *Inhibited Ethylene Glycol Heat Transfer Fluid*

Dynalene EG is an inhibited ethylene glycol, that offers superior performance at lower temperatures, when compared to other glycols. Dynalene EG has been formulated to give your system better freeze, burst and corrosion protection at extreme temperatures.

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 EG

**Composition: Ethylene Glycol**  
**Appearance and Color: Clear**  
**Odor: Sweet**

### Composition (% by weight)

**Ethylene Glycol : 94.5%**

**Inhibitors : 5.5%**

**Reserve Alkalinity (min.) : 10.6 ml**

**Flash Point (closed cup) : 120°C (248°F)**

**pH : 9.0 — 9.6**

### Recommended Temperature Ranges:

**Closed System: -40°C (-40°F) to 121°C (250°F)**

## **Prime Applications**

- HVAC/R
- Processing Cooling/Heating
- Line Heaters
- Snow Melting
- Refrigeration Systems
- Plastic Extrusion
- Ice Skating Rinks

## **Benefits of using Dynalene EG**

- 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**

Vol % Dynalene EG	Wt % Dynalene EG	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	5.6	29	-1.7	213	1.3380	1.008
10	11.2	26	-3.3	214	1.3440	1.020
15	16.6	22	-5.5	215	1.3495	1.026
20	22.0	16	-8.5	216	1.3551	1.033
21	23.0	15	-8.9	217	1.3561	1.035
22	24.1	14	-10.0	217	1.3573	1.036
23	25.2	13	-10.5	218	1.3584	1.037
24	26.2	11	-11.7	218	1.3595	1.039
25	27.3	10	-12.2	218	1.3606	1.040
26	28.4	9	-12.8	219	1.3618	1.041
27	29.4	8	-13.3	219	1.3628	1.042
28	30.5	6	-14.4	220	1.3640	1.044
29	31.5	5	-15.0	220	1.3651	1.045
30	32.6	4	-15.6	220	1.3662	1.047
31	33.6	3	-16.1	220	1.3674	1.048
32	34.7	1	-17.2	220	1.3685	1.049
33	35.7	0	-17.8	221	1.3695	1.050
34	36.7	-2	-18.9	221	1.3706	1.052
35	37.7	-3	-19.4	221	1.3717	1.053
36	38.8	-5	-20.6	221	1.3728	1.054
37	39.8	-7	-21.7	222	1.3738	1.056
38	40.8	-9	-22.8	222	1.3749	1.057
39	41.9	-11	-23.9	222	1.3761	1.058
40	42.9	-13	-25.0	223	1.3773	1.060
41	43.9	-15	-26.1	223	1.3784	1.061
42	44.9	-17	-27.2	224	1.3795	1.062
43	46.0	-19	-28.3	224	1.3807	1.064
44	47.0	-21	-29.4	224	1.3817	1.065
45	48.0	-24	-31.1	224	1.3828	1.066
46	49.0	-26	-32.2	224	1.3838	1.068
47	50.0	-29	-33.9	225	1.3848	1.069
48	51.0	-31	-35.0	225	1.3859	1.070
49	52.0	-33	-36.1	225	1.3869	1.072
50	53.0	-36	-37.8	226	1.3879	1.073
51	54.0	-38	-38.9	226	1.3890	1.074
52	55.0	-42	-41.1	227	1.3900	1.076
53	56.0	-44	-42.2	227	1.3910	1.077
54	57.0	-47	-43.9	228	1.3921	1.078
55	57.9	-50	-45.6	228	1.3930	1.081
56	58.9	-52	-46.7	229	1.3941	1.082
57	59.9	-54	-47.8	230	1.3951	1.083
58	60.9	-56	-48.9	230	1.3961	1.084
59	61.9	<-60	<-51.1	231	1.3972	1.085
60	62.8	<-60	<-51.1	232	1.3982	1.086
65	67.9	<-60	<-51.1	237	1.4033	1.093
70	72.4	<-60	<-51.1	244	1.4077	1.100
75	77.2	<-60	<-51.1	251	1.4132	1.106
80	81.8	-52	-46.7	263	1.4171	1.110
90	91.0	-20	-28.9	290	1.4266	1.118
100	100	2	-16.7	317	1.4300	1.127