CHEMFAX™
Manufacturer of Specialty Chemicals

Chem-Frost Freeze Points

Wt % Chem-Frost	Freezing Point °C	Freezing Point (F°)	Boiling Point °C @ 101 kPa	Boiling Point (°F @ 760 mmHg)
0.0	0	(32.0)	100.0	(212)
5.0	-1.5	(29.3)	102.0	(215)
10.0	-3.3	(26.1)	102.5	(217)
15.0	-4.9	(23.2)	103.5	(218)
20.0	-7.1	(19.3)	104.0	(219)
25.0	-9.7	(14.6)	105.1	(223)
30.0	-12.6	(9.4)	106.2	(226)
35.0	-15.9	(3.4)	107.8	(226)
40.0	-20.1	(-4.1)	108.9	(228)
45.0	-24.2	(-11.5)	109.4	(229)
50.0	-31.0	(-23.8)	110.6	(231)
55.0	-36.6	(-33.9)	111.1	(232)
60.0	-45.4	(-49.8)	112.2	(234)
65.0	-51.2	(-60.2)	112.3	(235)
70.0	-53.9	(-65.1)	114.0	(237)
75.0	-63.3	(-82.0)	115.9	(241)
80.0	-76.1	(-105.0)	118.3	(245)
85.0	-90.0	(-130.0)	125.0	(257)
90.0	-87.2	(-125.0)	132.2	(270)
95.0	-53.3	(-64.0)	171.4	(341)

a Freezing points are below -50°C (-60°F)

Temperature °C	Temperature (F°)	Percent Propylene Glycol Concentration Required For Freeze Protection Volume %	Percent Propylene Glycol Concentration Required For Burst Protection Volume %
-7	(20)	18	12
-12	(10)	29	20
-18	(0)	36	24
-23	(-10)	42	28
-29	(-20)	46	30
-34	(-30)	50	33
-40	(-40)	54	35
-46	(-50)	57	35
-51	(-60)	60	35