



TC Econo

Liquid De-Icer, Anti-Icer, Ice and Snow Melter

Tiger Calcium products can be used for a variety of applications and have been field proven to be the most effective for ice control. Our corrosion-inhibited products are the safest for the environment and easiest on roads and vehicles. TC Econo aggressively melts snow and ice and offers more benefits than magnesium chloride.

Quick Facts on TC ECONO:

- A corrosion inhibited liquid form of sodium chloride and calcium chloride
- Ability to cut through snow and ice more quickly than salt or magnesium chloride
- Ability to melt snow and ice below -20°C (-4°F)
- Lack of sediment problems in tanks, easy clean-up of vehicles
- Corrosive value 78% less than rock salt
- Available in bulk tank truck or rail car

Composition

Sodium Chloride, NaCl	20%
Calcium Chloride, CaCl_2	2.0%
Corrosion Inhibitors	8%

Physical Properties

Appearance	Brown Liquid
Odor	Slight
Specific Gravity	1.2 kg/litre
Freezing Point	Free of solid down to -20°C
PH	6-10
Miscibility with water	Complete



Freezing Points of TC Econo

Percent NaCl +CaCl ₂ %	Specific Gravity at 15 °C	Freeze Point	
		°C	°F
0	1.000	0.0	32.0
2	1.014	-2.5	27.5
5	1.036	-6.1	20.9
6	1.043	-8.0	17.6
7	1.051	-9.9	14.1
8	1.059	-11.7	11.0
9	1.067	-13.1	8.4
10	1.075	-14.1	6.6
11	1.083	-14.8	5.4
12	1.091	-15.2	4.7
13	1.099	-15.4	4.2
14	1.108	-15.8	3.6
15	1.116	-16.4	2.4
16	1.125	-17.4	0.6
17	1.134	-18.9	-2.0
18	1.143	-20.8	-5.4
19	1.152	-22.9	-9.3
20	1.161	-25.1	-13.2
21	1.171	-26.9	-16.4
22	1.180	-27.9	-18.2
23	1.190	-27.8	-18.0
24	1.200	-26.3	-15.4

Phase Diagram of TC Econo

