Glycols

Freez-Kontr'l® 35

Ready-to-use inhibited propylene glycol heat transfer fluid for use in closed loop systems.

- Formulated with propylene glycol, corrosion inhibitor, blue dye and deionized water
- 35% Propylene Glycol
- Ready-to-use for freeze protection to +2°F
- Ideal premix for refrigeration and hydronic applications where poor water for diluting exists

Application

In supermarket refrigeration, secondary coolant systems are playing an increasing role. In these installations, the size or foot print of the primary refrigerant circuit is reduced, and the need for cooling is then managed with a secondary cooling circuit. Typically this circuit contains a heat transfer fluid or secondary coolant composed of propylene glycol, a corrosion inhibitor and deionized water. Freez-Kontr'l 35 is specially formulated as a complete, ready-to-use secondary coolant for medium temperature refrigeration.

For hydronic or other refrigeration applications, where poor jobsite water exists for diluting Freez-Kontr'l 35 is a fully-inhibited premix option to be used in these closed systems.

Description

Freez-Kontr'l 35 is made with propylene glycol, corrosion inhibitor and deionized water. It is formulated as a premixed or ready-to-use coolant for medium temperature secondary refrigeration and hydronic systems, providing freeze protection to +2°F. The product provides the added advantage to be used direct from the package without any on-site dilution steps to provide the required freeze protection and optimized corrosion inhibition.

Packaging:

5 Gallon Pail	**4188-16**
55 Gallon Plastic Drum	**4188-35**

Specifications

pH:	8.0 to 10.0
Specific Gravity:	1.01 – 1.05
Propylene Glycol:	35%
Inhibitor:	Dipotassium Phosphate
Dye:	FD&C Blue #1
Freeze Protection:	+2°F
Burst Protection:	-32°F

Guidelines

As described, Freez-Kontr'l 35 is a ready-to-use inhibited propylene glycol heat transfer fluid with desired freeze protection of +2°F. If dilution is necessary, it is recommended that deionized water be used in order to reduce the effect of contamination from unacceptable various dissolved solids. If deionized water cannot be obtained for dilution, the water used should meet the following standards:

Chlorides:	<25 ppm
Sulfates:	<25 ppm
Calcium:	<50 ppm
Magnesium:	<50 ppm

Total Hardness as calcium carbonate: < 80 ppm

Read and understand the product's label and Safety Data Sheet ("SDS") for precautionary and first aid information. The SDS is available on the Nu-Calgon website at www.nucalgon.com.