

FluidGuard™ PG 50

Industrial Coolant



Product Information

FluidGuard™ PG 50 is a specially inhibited 50wt% propylene glycol and de-ionized water solution designed specifically for use in closed loop heat transfer systems. The inhibitor system formulated into the FluidGuard™ PG 50 provides excellent corrosion protection for common metals of construction including stainless steel, carbon steel, aluminum, copper, brass, and solder.

Use of FluidGuard™ PG provides for long fluid life, corrosion protection, and leak protection in piping, pumps, valves, fittings, and heating or cooling equipment. Coastal Chemical provides users of our FluidGuard™ products with complete analytical analyses and technical recommendations on fluid quality and applications.

FluidGuard™ PG applications include heating and cooling systems, line heaters, chillers, refrigeration systems, snow melting systems and HVAC systems. FluidGuard™ PG is not suitable for use where contact with food or potable water is possible.

Typical Physical Properties

Form	Light Red/Pink Liquid
Density at 20°C (68°F)	8.65 lbs/gal (typical)
Flash Point	102°C (215°F)
Freeze Point	-35°C (-37°F)
Boiling Point	105°C (221°F)
pH	11.0
Reserve Alkalinity	11.0 (minimum)
Viscosity, 25°C (77°F)	5.1cp
Specific Heat, 60°C (140°F)	.0886 Btu/lb-°F

Safety & Handling Precautions

FluidGuard™ PG 50 is an industrial chemical and should be handled as such. Person(s) working with this product should read and be familiar with safety precautions detailed in the Material Safety Data Sheet on this product prior to use.

The data presented in this bulletin are typical only and not specifications. The information and suggested uses are based on evaluations believed reliable. No guarantee or warranties are expressed or implied, however, including the implied warranty of merchantability and fitness for particular purposes. Coastal Chemical Co., LLC disclaims any liability in the use of these data, including possible infringement of patent.

Revised, 1-3-2005



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