



PRODUCT DESCRIPTION

FireFighter GL and FireFighter PG are non-toxic* antifreezes designed specifically for fire protection systems. These products are used in place of water and other water-like fluids in sprinkler systems where freezing may either cause damage or interfere with the functioning of systems or equipment, and/or toxicity to humans or animals is a concern.

FireFighter GL

FireFighter GL is a Glycerine based material which is compatible with all approved types of pipe, including BlazeMaster® CPVC sprinkler pipe and fittings.

Active Ingredient: USP Glycerine
Other Ingredients: Water
Viscosity Reduction Agency
Dye

FireFighter PG

FireFighter PG is a Propylene Glycol based material which is compatible with all approved types of sprinkler pipe systems, with the exception of CPVC.

Active Ingredient: Propylene Glycol
Other Ingredients: Water
Viscosity Reduction Agent
Rust Inhibitor
Dye

Flammability

FireFighter GL and FireFighter PG are not flammable since they have no measurable flash point; however, both products can flash or burn if the water content is evaporated off. No hazardous fumes are produced.

Toxicological, Environmental and Health Information

FireFighter GL and FireFighter PG are virtually harmless to animals or plants; however, the disposal of these materials should be in conformance with national, state and local health codes.

FDA References

GRAS: FireFighter GL and FireFighter PG are considered "Generally Regarded as Safe" by the Federal Food and Drug Administration.

Typical Physical Properties of Fire-Fighter GL and FireFighter PG

	FireFighter GL	FireFighter PG
Color	Orange	Red
Density at 77° F. (grams/ml)	1.137	1.026
Viscosity at 77° F. (Centipoise)	7.05	6.15
pH	7	8.0–9.6
Boiling Point at Atmospheric Pressure (760 mm)	212°F.	222°F.
Minimum Flow Temperature	-15°F.	-15°F.
Minimum Burst Temperature (Hard Freeze)	-50°F.	-50°F.
Concentrate (Pensky-Martens Closed Cup)		
Flash Point	350°F.	214°F.
Fire Point	400°F.	220°F.

"FireFighter Freeze Protection Fluid" is a trademark of The Noble Company

"BlazeMaster" is a registered trademark of B.F. Goodrich

*"Non-toxic" is used to describe extremely low chronic and acute toxicity. No Maximum safe intake for humans has been established. The product is considered GRAS (Generally Regarded As Safe) by the Food and Drug Administration.

Sizes:

FireFighter GL and FireFighter PG are available in:
1 gallon plastic bottles (6 per case)
5 gallon pails
30 gallon drums
55 gallon drums
5000 gallon tank trucks