



**Huguenot Laboratories**  
 Division of O'Leary & Associates Inc.  
 101 Riverdale Road  
 Port Jervis, N.Y. 12771  
 800-228-3793  
 Our Web Site is: [www.huguenotlabs.com](http://www.huguenotlabs.com)  
 E-mail us at: [huglabs@hvc.rr.com](mailto:huglabs@hvc.rr.com)  
 Or [tim-oleary@huguenotlabs.com](mailto:tim-oleary@huguenotlabs.com)

# Antifreeze for Wet Fire Sprinkler Systems

**Huguenot Laboratories FSS ProTect GL (Pre-Mix)** is a non-toxic glycerine based antifreeze formulated specifically for wet fire protection systems. The biostatic product is 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. All raw materials are GRAS approved (generally regarded as safe) for accidental animal ingestion, yet resist the growth of bio-mass.

FSS ProTect GL is chemically compatible with all approved types of piping, including CPVC sprinkler pipe and fittings. FSS ProTect GL is fully approved under the Lubrizol FGG/BM/CZ™ System Compatible Program.

## Product Properties

Color:	Orange
Density @ 77°F:	1.13
Viscosity @ 77°F:	7.05 (Centipoise)
pH (100% BV):	7.0
Boiling Point	212°F
Minimum Flow Temperature:	-15°F
Flash Point	350°F
Fire Point	400°F
Inhibited Against Corrosion	Yes
Bio-Stable	Yes

"FGG/BM/CZ™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FGG/BM/CZ(tm), FlowGuard Gold®, BlazeMaster®, and Corzan® are licensed trademarks of the Lubrizol Corporation."

Potential Flammability	FSS ProTect GL is not flammable since they have no measurable flash point. The product could flash or burn if the water content is evaporated off with no harmful fumes.
Health Information	FSS ProTect GL and FSS ProTect PG are virtually harmless to animals and plants. Disposal of these materials in conformance with all health codes. Read MSDS.
Packaging	>2,000-gallon bulk, 330, 275, 55, 30, 15, 5, and 4x1-gallon containers.
Testing	Lab grade hydrometer and/or analog refractometer. Test quarterly to 100% by volume.
System Requirements	All fire protection sprinkler systems that use these products should conform to local, state and NFPA requirements. The use of antifreeze within these systems should also conform to NFPA requirements, and with any state or local health codes.



**SYSTEM COMPATIBLE**