PRODUCT SPEC SHEET

9804-001
Fire Guarde™

Description

- 5th generation ready-to-use, water-based fire extinguisher.
- Environmentally-effective alternative to AFFF.
- UL tested and has been found effective on ClassA, B, D and K fires.
- Reacts and binds to the substrate to extinguish the fire unlike AFFF.
- Excellent fluidity creates rapid knockdown while preventing flashback or re-igniting.
- Superior effectiveness to flame-spread and dramatic reductions in smoke production, increasing visibility.
- Compatible with all current fire fighting delivery systems.
- One gallon covers 800 to 1,000 square feet.
- Does not produce any toxic fumes or gases when heated.
- Eliminates environmental hazards, unlike foams, and is acceptable at waste water treatment plants (WWTPs).
- Does not contain any fluorosurfactants or butyl carbitol.
- Bio-based, non-toxic and biodegradable with a neutral pH and will not affect rubber, brass or metal valves.

Comparison Profile

Manufacturer	**Ansul**	**Amerex**	**CI**
Product	**Met-L-X**	**Sodium Chloride**	**Fire Guarde™**
Appearance	Dry Powder	Dry Powder	Liquid
Fire Rating:			
K	NO	NO	YES
A	NO	NO	2A
B	NO	NO	5B
D	Magnesium	Magnesium	Magnesium
	Sodium	Sodium	Sodium
	Potassium	Potassium	Potassium
	Aluminum	Aluminum	Aluminum
			Zirconium

Technical Information

Usage	Dilution Ratio	RTU
Physical Properties	Appearance	Liquid
	Color	Clear
	Fragrance	None
	pH	7
	Shelf Life	Minimum 1 Year
Packaging	9804-001	4/1g.

Advantages

Fire Guarde™ is not an AFFF (foam agent). AFFF type of products work by "blanketing" the fuel source and eliminating the oxygen source. It does not bind to the substrate or cool the source. If the foam blanket is disrupted, the vapor of the fuel source can easily re-ignite.

Fire Guarde™ is non-toxic and non-corrosive, unlike foam which is toxic and corrosive. Will not clog or harm booster tanks or hoses. Additionally, foam is not effective for fighting vertical fires due to the minimal penetration value.

More effective than water because it binds to the substrate instantly cooling it down, unlike water which is converted to steam.

Application

Fire Extinguishing: Add directly to pump apparatus, reservoirs, or induct into fire hose lines to attack large fires. Pump: - Use 150-175 psi: Nozzle - Use: 100-110 psi.

(fog nozzle is recommended)

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Pure Green Solutions
1-888-980-PURE (7873)
770-217-7540
www.puregreensolutions.net