

CLASS A PLUS Foam Concentrate

Description

CHEMGUARD Class "A" is a non-corrosive, non-toxic, biodegradable foam concentrate. When mixed with water in the correct proportion, it changes the properties of water. It reduces the surface tension of the water, and produces foam, which allows the water to cling to vertical or horizontal surfaces without run off. This allows the water to absorb more heat and provides greater penetration into Class A fuels.

TYPICAL PROPERTIES AT 77 °F (25 °C)

Appearance		Pale Amber Liquid
Specific gravity		1.010
pH		7.5
Surface Tension @	.3% Solution	25.5 Dynes/cm
	.5% Solution	26.1 Dynes/cm
	.7% Solution	24.5 Dynes/cm
	1.0% Solution	24.8 Dynes/cm
Viscosity		20 cps

Features

- Water treated with CHEMGUARD Class "A" foam concentrate is 3 to 5 times more effective on Class "A" fires than untreated water
- Water treated with CHEMGUARD Class "A" will wet Class A fuels up to 20 times more efficiently than untreated water
- Suitable with either fresh or salt water
- Suitable with non-air aspirating or aspirating hand line nozzles
- Suitable for use on rubber (tires), coal, paper and many other types of Class A fuels
- Suitable through medium expansion nozzles on Class A or contained Class B flammable liquids
- Manufactured with materials that do not appear on any federal register under Sara Title III, Sec. 313 of the Federal Superfund and Emergency Planning Regulations



Application

PROPORTIONING EQUIPMENT

- Hypro Corporation Proportioning Systems
- Model 500 Foam Proportioner
- Balanced Pressure Pump Systems
- In-line Eductor
- Around the Pump Proportioners
- Helicopter Bambi Bucket
- Compressed Air Foam System (CAFS)
- High Expansion Foam Generators

RECOMMENDED DILUTION RATES

- Helicopter Bambi Bucket .3% - .5%
- Handline, air-aspirating nozzle .3% - .5%
- Handline, non-air-aspirating nozzle .3% - .6%
- Compressed air foam system (CAFS) .1% -.3%

Note: The above rates vary depending on the quality of the foam blanket required.

Performance

FOAMING PROPERTIES

- Type of discharge device
- System operating pressure
- Amount of foam concentrate in the water

STORAGE

If kept in the original unopened and airtight CHEMGUARD supplied container and stored within the temperature range 32 °F-120 °F (0 °C-49 °C), a shelf life of 20-25 years can be expected. When stored in other than the manufacturer's supplied container, check with CHEMGUARD for storage guidelines. If frozen during storage, thawing will render the product completely serviceable.

Note: It is not recommended to pre-mix Class "A" concentrate with water for long-term storage.

Ordering Information

Part No:	Container	Weight
CAP	5 gal Square (19 L)	45 lb
CAD	55 gal (208 L)	495 lb