

## CHEMGUARD® 2% Xtra High Expansion Foam Concentrate CX

### Features

- Excellent wetting characteristics when used in combating Class "A" fuel type fires
- If inadvertently frozen, thawing will render the product completely serviceable again
- Can be used with foam compatible dry chemical agents
- Suitable with high/medium foam generators

### Description

CHEMGUARD® XTRA High Expansion Foam Concentrate is a synthetic based foaming agent suitable for use with either low, medium or high expansion foam generating equipment. It is generally proportioned at a 2% concentration (2 parts XTRA to 98 parts of water). When used through a high expansion or medium expansion generating discharge device the following extinguishing mechanism takes place:

- The large volume of foam engulfs the area being protected and prevents air from reaching the fire.
- As the foam is generated with water, and comes in contact with the fire, a large amount of steam is generated which helps reduce to oxygen content in the atmosphere.
- The water content of the foam solution produces a cooling effect on fire. This is particularly so with medium expansion generated foam, which has higher water content.

### Proportioning

- Fixed or portable in-line eductors
- In-line balanced pressure and pump pressure proportioning skid
- Bladder tank balanced pressure proportioning system

**Note:** While NFF (also known as AR-SFFF) agents may be compatible with existing AFFF and/or NFF hardware, system contamination from fluorinated agents may exist if hardware and piping is not replaced upon conversion to non-fluorinated agents.

### Foam Properties

When CHEMGUARD XTRA High is mixed with water in the correct proportion, expansion ratios of up to 1,000:1 can be achieved. This expansion ratio is dependent on the type of discharge device and pressure of the system when operating.

### Typical Properties

#### Typical physiochemical properties

Appearance	Colorless Liquid
Specific Gravity	1.002
pH	7.5
Viscosity	7 cps

### Environmental Impact

CHEMGUARD XTRA High is biodegradable, low in toxicity, and can be treated in sewage plants. Please refer to CHEMGUARD Technical Bulletin regarding foam products and the environment.

### Storage

If kept in the original unopened and airtight CHEMGUARD supplied container and stored within the temperature range of 35 °F to 120 °F (2 °C to 49 °C), a shelf life of between 20 to 25 years can be expected. When stored other than the original supplied container, check with CHEMGUARD for storage guidelines.

### Ordering Information and Weight

Part No.	Container	Weight
770188	5 gal Pail / 19 L	45 lb
770189	55 gal Drum / 208 L	484 lb

Safety Data Sheet (SDS) available at [www.chemguard.com](http://www.chemguard.com).

**Note:** The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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