



2% High Expansion Foam Concentrate C2

Chemguard C2 foam concentrate (formerly MSA Vee Foam) is a multi-purpose foam concentrate that forms an effective vapor barrier in hazardous material spills and fire fighting situations. It is also used for fire extinguishment. It is surfactant based biodegradable, high water retentive.

C2 foam concentrate forms an effective vapor barrier against a broad range of volatile chemicals, including all classes of water-immiscible organic liquids and a wide range of acid and alkaline inorganic materials.

C2 foam concentrate can be used with high expansion equipment to combat three-dimensional fires where total flooding is the objective (such as paint booths, paper warehouses, airplane hangars and mines). When used with high expansion equipment, C2 foam concentrate produces a stable blanket of bubbles that can quickly build up to help suffocate flames. The long lasting foam also helps to prevent reignition.

FEATURES

- U.L. Listed, High-Expansion Foam Liquid Concentrate at 2%
- Independent laboratory tests show that C2 Foam Concentrate retains water longer than other foams.
- It has demonstrated fire control capability with contained flammable liquefied gases, including LNG, LPG, Ethylene, Butadiene and Vinyl Chloride Monomer.

FOAM PROPERTIES

When Chemguard C2 foam is mixed with water in the correct proportion, expansion ratios of up to 1,000 to 1 can be achieved. This expansion ratio is dependent on the type of discharge device and pressure of the system when operating.

TYPICAL PROPERTIES

Appearance,.....Colorless Liquid
Specific Gravity,.....1.022
pH,.....6.5
Viscosity,.....100 cps

ENVIRONMENTAL IMPACT

Chemguard C2 foam is biodegradable, low in toxicity, and can be treated in sewage plants. Please refer further 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-120°F(1.7°C- 49°C), a shelf life of between 20–25 years can be expected. When stored other than the original supplied container, check with Chemguard for storage guidelines.

ORDERING INFORMATION & WEIGHT

Part No:	Container	Weight
C2P	5-Gallon Pail / 19 Liters	45 lbs.
C2D	55-Gallon Drum / 208 Liters	495 lbs.



2% Xtra High Expansion Foam Concentrate CX

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 the oxygen content in the atmosphere.
- The water content in the foam produces a valuable cooling effect on the fire. This is particularly so with medium expansion generated foam, which has higher water content.

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

PROPORTIONING

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

FOAM PROPERTIES

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

TYPICAL PROPERTIES AT 77°F (25°C)

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 further 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-120°F (2°C-49°C), a shelf life of between 20-25 years can be expected. When stored in other than the original supplied container, check with Chemguard for storage guidelines.

ORDERING INFORMATION & WEIGHT

Part No:	Container	Weight
CXP	5-Gallon Pail / 19 Liters	45 lbs.
CXD	55-Gallon Drum / 208 Liters	484 lbs.
CXBD	330-Gallon Tote / 1249 Liters	3000 lbs.



2% High Expansion Foam Concentrate Salt Water Compatible C2-S

Chemguard High Expansion foam is a multi-purpose foam concentrate that forms an effective vapor barrier in hazardous material spill and fire fighting situations. It is also used for fire extinguishment. It is surfactant based, biodegradable, highly water retentive and approved by the Swedish National Testing and Research Institute. It is used at a proportioning rate of 2% (two parts product to 98 parts water).

C2-S Foam Concentrate can be used with high expansion equipment to combat three-dimensional fires where total flooding is the objective (such as marine engine spaces, paint booths, paper warehouses, airplane hangars and mines). When used with high expansion equipment, C2-S foam concentrate produces a stable blanket of bubbles that can quickly build up to help suffocate flames. The long lasting foam also helps prevent re-ignition.

FEATURES

- C2-S performs equally well in either fresh water solutions, or salt-water solutions.
- C2-S is also designed to withstand the harsh environments produced by fires. It is therefore acceptable for use with high expansion equipment, which draws air from the fire's environment rather than pulling in fresh air from an area not involved with the fire. (a.k.a. "inside air applications")
- It has demonstrated fire control capability with contained flammable liquefied gases, including LNG and LPG.

FOAM PROPERTIES

When C2-S foam is mixed with water in the correct proportion, expansion ratios of up to 1,000 to 1 can be achieved. This expansion ratio is dependent on the type of discharge device and pressure of system when operating.

TYPICAL PROPERTIES

Appearance.....Clear Amber Liquid
 Specific gravity.....1.0280
 pH.....7.8
 Viscosity.....250 cps

ENVIRONMENTAL IMPACT

Chemguard C2-S is biodegradable, low in toxicity, and can be treated in sewage plants. Please refer further 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 42°F-120°F,(5.5°C- 49°C), a shelf life of between 20–25 years can be expected. When stored other than the original supplied container, check with Chemguard for storage guidelines.

ORDERING INFORMATION & WEIGHT

Part No:	Container	Weight
C2-SD	55-Gallon Drum / 208 Liters	496 lbs.