

THIS IS A NEW DAY

Chemguard is leading the way in Fire Suppression
Chemistry and Engineered Systems Technology.

Specialty Chemicals
Fluorosurfactants
Hydrocarbon Surfactants

Foam Concentrates

Dry Chemicals

Engineered Systems

Bladder Tanks

Custom Pump Skids

Dry Chemical Systems

High Expansion Systems

Mobile Units

Portable Equipment



CHEM GUARD - 204 South 6th Avenue, Mansfield, Texas, U.S.A.
Phone: 817-473-9964 Fax: 817-473-0606 www.chemguard.com

FOAM FIREFIGHTING CONCENTRATES - AFFF's

AFFF is a specially formulated synthetic, Aqueous Film Forming Foam Concentrate. A vapor suppressing aqueous film is formed by foam solution draining from the expanded foam blanket. These products are intended for use at proportioning rates of 1%, 3% and 6% on Class B hydrocarbon type fuels such as; crude oils, gasoline, kerosene, diesel fuel and aviation fuels. AFFF's also exhibit excellent wetting characteristics when used on Class A fires. Both aspirating and water fog type nozzles are suitable when using these foams. Either fresh or sea water may be mixed with these foams to achieve excellent results.

1% AFFF



Chemguard's most concentrated AFFF at 1 part concentration to 99 parts water. Produces as much foam as 15 gallons of 3% concentrate.

UL listed.

5 Gallon Pail - Part No. C103P
55 Gallon Drum - Part No. C103D
330 Gallon Bulk Drum - Part No. C103BD

3% AFFF - MILITARY SPECIFICATION



Chemguard's Military Specification concentrate is a qualified product listed under MIL-F-24385F at 3 parts concentrate to 97 parts water.

UL Listed / QPL

5 Gallon Pail - Part No. C301MSP
55 Gallon Drum - Part No. C301MSD
330 Gallon Bulk Drum - Part No. C301MSBD

3% AFFF



Chemguard's most popular AFFF at 3 parts concentration to 97 parts water. Produces as much foam as 10 gallons of 6% concentration.

UL listed / UL Canada

5 Gallon Pail - Part No. C303P
55 Gallon Drum - Part No. C303D
330 Gallon Bulk Drum - Part No. C303BD

6% AFFF - MILITARY SPECIFICATION



Chemguard's Military Specification concentrate is a qualified product listed under MIL-F-24385F at 6 parts concentrate to 94 parts water.

UL Listed/QPL

5 Gallon Pail - Part No. C601MSP
55 Gallon Drum - Part No. C601MSD
330 Gallon Bulk Drum - Part No. C601MSBD

6% AFFF



Chemguard's standard AFFF at 6 parts concentration to 94 parts of water.

UL Listed

5 Gallon Pail - Part No. C603P
55 Gallon Drum - Part No. C603D
330 Gallon Bulk Drum - Part No. C603BD

BLIZZARD - AFFF



Chemguard's Blizzard Foam is a freeze protected AFFF Solution, good to minus 40 degrees fahrenheit. This product is not intended to be proportioned. Works well on Class B fires.

5 Gallon Pail - Part No. CBP
55 Gallon Drum - Part No. CBD

3% AFFF - LOW TEMP



Chemguard's 3% AFFF, Low Temperature is freeze protected to minus 20 degrees fahrenheit. This product is a 3 parts concentrate at 97 parts water.

UL Listed

5 Gallon Pail - Part No. C3LTP
55 Gallon Drum - Part No. C3LTD

3% FLUOROPROTEIN



Chemguard's Fluoroprotein concentrate is hydrolyzed protein foam with fluorinated surfactants added. Proportioning is at 3 parts concentrate to 97 parts water.

UL Listed and Ministry of Defense Standard 42-24

6.5 Gallon Pail - Part No. C3FP
55 Gallon Drum - Part No. C3FPD



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ALCOHOL RESISTANT FOAM FIREFIGHTING CONCENTRATES AR-AFFF

AR-AFFF's are specially formulated with a physical polymer membrane/barrier between the fuel surface and the foam blanket. They are intended to be used at proportioning ratios of 1% and 3% for hydrocarbon fuels and 3% or 6% for polar fuels such as alcohol, ketones, methanol and MTBE products. AR-AFFF's may also be used on Class A fires. AR-AFFF's suppress the hazardous vapors emitted from these polar and hydrocarbon fuels. Chemguard's AR-AFFF's are suitable for use with foam chambers, standard water fog nozzles, air-aspirating nozzles and foam makers.

1%-3% ULTRAGUARD AR-AFFF



Chemguard's Ultraguard 1%-3% proportions 1 part concentrate to 99 parts water for hydrocarbon fuels and 3 parts concentrate to 97 parts water for polar fuels. This agent is intended for topside use on type II and type III applications.

UL listed.

5 Gallon Pail - Part No. C134P
55 Gallon Drum - Part No. C134D
330 Gallon Bulk Drum - Part No. C134BD

3% ULTRAGUARD AR-AFFF



Chemguard's Ultraguard 3%-3% proportions 3 parts concentrate to 97 parts water for hydrocarbon and polar fuels. For top side use in type II and type III applications.

UL Listed / FM approved for sprinkler and systems and UL Canada.

5 Gallon Pail - Part No. CUGP
55 Gallon Drum - Part No. CUGD
330 Gallon Bulk Drum - Part No. CUGBD

3% AR-AFFF LOW TEMPERATURE



Chemguard's freeze protected 3%-3% proportions 3 parts concentrate to 97 parts water for hydrocarbon and polar fuels. Intended for top side use on type II and type III applications.

UL Listed.

5 Gallon Pail - Part No. C33LTP
55 Gallon Drum - Part No. C33LTD
330 Gallon Bulk Drum - Part No. C33LTBD

NON SPRINKLER AR-AFFF



Chemguard's Non Sprinkler AR-AFFF proportions at 3 parts concentrate to 97 parts water for hydrocarbon and polar fuels. Specifically formulated for topside use on type II and type III applications.

UL Listed.

5 Gallon Pail - Part No. C333P
55 Gallon Drum - Part No. C333D
330 Gallon Bulk Drum - Part No. C333BD

3%-6% AR-AFFF



Chemguard's 3%-6% AR-AFFF proportions 3 parts concentrate to 97 parts water for hydrocarbon fuels and 6 parts concentrate to 94 parts water for polar fuels. Chemguard offers two versions of this product; C361 for topside sprinklers and subsurface applications and C363 for top side applications only. Both products are UL Listed and C361 is UL Listed in Canada.

5 Gallon Pail - Part No. C361P or C363P
55 Gallon Drum - Part No. C361D or C363D
330 Gallon Bulk Drum - Part No. C361BD or C363BD

C-2 VEE FOAM



Chemguard's C-2 VEE Foam Concentrate is for use on Class A, B and LNG, LPG, Ethylene, Butadiene and Vinylchloride Monomer fires. Independent laboratory tests show that VEE foam retains water longer than other foams. Compatible against acid and alkaline materials. Expansion ratios of 1000 to 1 can be achieved when used with high expansion generators. Proportions at 2%. UL Listed.

5 Gallon Pail - Part No. C2P
55 Gallon Drum - Part No. C2D

X-TRA HIGH EXPANSION



Chemguard's X-TRA High Expansion is used with low, medium and high expansion foam generating equipment. This product is proportioned 2 parts concentrate to 98 parts water. Excellent wetting characteristics when used on Class A fuel fires.

5 Gallon Pail - Part No. CXP
55 Gallon Drum - Part No. CXPD
330 Gallon Bulk Drum - Part No. CXPBD

PRECISION FOAM TEST KIT



Designed to simplify the process of testing foam systems for proportioning accuracy. This kit utilizes liquid conductivity and a precision digital scale to accurately prepare standards and test discharge samples, the same method used by nationally recognized testing laboratories when testing systems for listing and approval.

Part No. EF 10995



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SPECIAL CONCENTRATES FOR CLASS A FIRES, TRAINING AND DRY CHEMICALS

SPECIALTY CHEMICALS ♦ FLUOROSURFACTANTS ♦ HYDROCARBON SURFACTANTS ♦ FOAM CONCENTRATES ♦ BLADDER TANKS

MOBILE UNITS ♦ PORTABLE EQUIPMENT ♦ FOAM MONITORS ♦ OSCILLATING MONITORS ♦ FOAM STATIONS ♦ FOAM TRAILERS

FIRST CLASS

NEW!



Chemguard's FIRST CLASS has been FULLY APPROVED by the U.S.D.A. Forest Service as meeting ALL of the requirements of Forest Service Specifications 5100-307. This standard tests the agent at dilution rates 0.1% to 1.0% for use on Class A fuels. First Class combines excellent wetting characteristics with great foam formation for superior effectiveness on Class A fires. Use in ground trucks, CAFS systems, Helicopter and Fixed-Wing Aircraft equipped with buckets, water scoopers and tanks. This product is SAFE for the environment and contains NO hazardous material.

5 Gallon Pail - Part No. CA+P
55 Gallon Drum - Part No. CA+D

CLASS A PLUS



Chemguard's CLASS A PLUS is 3 to 5 times more effective on Class A fires than untreated water. Can be used with either fresh or salt water. Suitable for use with Helicopter bambi bucket, compressed air foam systems and through medium expansion nozzles on Class A or contained Class B flammable liquids. NFPA 298 approved.

5 Gallon Pail - Part No. CAP
55 Gallon Drum - Part No. CAD

CHEMWET



Chemguard's CHEMWET is a highly concentrated wetting and penetrating agent. This formula contains Anti-Rust and Anti-Scaling agents, as well as, friction reducers that improve the longevity of storage tanks. For Class "A" fires.

5 Gallon Pail - Part No. CWP
55 Gallon Drum - Part No. CWD

SUPERTRAIN AFFF



Chemguard's Supertrain AFFF has been developed to simulate AFFF during live fire training sessions on low vapor pressure hydrocarbon fuels. Supertrain allows more repeat fire training sessions due this products reduced burn back resistance.

5 Gallon Pail - Part No. CSTP
55 Gallon Drum - Part No. CSTD
330 Gallon Bulk Drum - Part No. CSTBD

SIMUFOAM



Chemguard's SIMUFOAM has been designed for training on LP gas fired simulators. SIMUFOAM has NO film forming properties.

5 Gallon Pail - Part No. CSFP
55 Gallon Drum - Part No. CSFD
330 Gallon Bulk Drum - Part No. CSFBD

ABC MULTIPURPOSE



Chemguard's ABC is suitable for use as a recharge agent in most manufacturer's fire extinguishers that utilize mono-ammonium phosphate based dry chemical powder. This product is most suitable for use on combination fires involving Class A, B, and C fires together. This product is yellow in color and is not recommended for fire involving cooking or vegetable oils.

50 Lb Pail - Part No. PP 1001

BC SILICONIZED



Chemguard's BC SILICONIZED sodium bicarbonate Dry Chemical Powder is suitable for use on both Class B and Class C type fires. This product is also suitable for use as a recharge agent in most manufacturers fire extinguisher units that utilize this chemical. Chemguard's BC is recommended for use on Class B flammable liquid fires including cooking oils and grease.

50 Lb Pail - Part No. PP 1002

PURPLE K



Chemguard's PK is a potassium bicarbonate based Dry Chemical Powder. This Powder is considered to be the "Premium" Product designed for use in all high risk areas such as refineries, chemical plants and airfields where superior fire extinguishing capabilities are a must. PK is used on both Class B and Class C type fires. This product is also used extensively in twin agent fire extinguishing systems, as well as, large dry chemical fixed systems covering liquid natural gas pumping stations. PK is purple in color.

50 Lb Pail - Part No. PP 1003



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