



# HAZARD CONTROL TECHNOLOGIES

FIRE, VAPOR AND CONTAMINATION CONTROL SOLUTIONS



# Pinnacle Foam Concentrates

## *Premium Performance, Outstanding Value*

Pinnacle foam concentrates are designed to provide rapid knockdown and extinguishment on a broad range of Class A and Class B fires. Pinnacle foams provide premium performance at an economical price and are available in four formulations. All Pinnacle foam concentrates are suitable for use in type III nozzles, monitors, foam tubes, CAFS and HCT Concentrate Control Supply (CCS) Systems. Pinnacle foams are noncorrosive and environmentally friendly and can be used with fresh, salt or brackish water.

Pinnacle foams are available in 5-gallon pails (20 liters), 55-gallon drums (210 liters) and 250/275-gallon totes (1000 liters).



## Pinnacle Class A Foam

Pinnacle Class A foam is an effective and economical solution for Class A firefighting. It has exceptional foaming characteristics, is noncorrosive, and is an environmentally responsible answer to your everyday firefighting needs. Pinnacle Class A provides a thick, wet blanket that smothers, penetrates, clings and lasts.

Pinnacle Class A foam is designed to make water more effective for faster knockdowns and better burn back resistance. Pinnacle Class A foam is excellent for any Class A fire, such as structural fires, wood, paper, fabrics and plastics, and can also be used as training foam on the fire ground.

Recommended proportioning rates range from 0.1% to 1.0% on all Class A fires.



# Pinnacle Class B C6 Foams



## *Friendlier to the Environment*

Pinnacle Class B foams are available in three formulations to meet most firefighting challenges. All of these foams are manufactured using C6 fluorochemicals, and are designed to eliminate potentially harmful PFOS (perfluorooctane sulfonate) and subsequent PFOA (perfluorooctic acid). The newly formulated Pinnacle C6 foams meet the recommendations of the US EPA PFOS Stewardship Program.

Pinnacle Class B C6 foams are approved and conform to various international standards, such as UL 162, FM 5130, EN 1568, ICAO and IMO.



## **Pinnacle Class B AFFF 3% - C6**

Pinnacle AFFF 3% - C6 is an Aqueous Film Forming Foam that creates a film that seals nonpolar hydrocarbons from the oxygen, resulting in rapid knockdown. The film is designed to quickly spread across hydrocarbons, sealing off fuels and vapors. Pinnacle AFFF C6 is suitable for all types of firefighting equipment and should be used at 3%.

## **Pinnacle Class B AR-AFFF 3X3% - C6**

Pinnacle AR-AFFF 3X3% - C6 is an Aqueous Film Forming Foam containing polysaccharide, which forms a pseudo plastic film on the surface of polar solvents, such as ethanol and ethanol-blended fuels. If disturbed, the sealing layer will immediately re-seal. Pinnacle AR-AFFF provides excellent stability and burn back resistance.

Pinnacle AR-AFFF 3X3% - C6 is listed at a proportioning rate of 3% for all Class B fires, polar and nonpolar.

## **Pinnacle Class B AR-AFFF 3X6% - C6**

Pinnacle AR-AFFF 3X6% - C6 is a very robust Aqueous Film Forming Foam with superb sealing qualities providing exceptional knockdown and burn back resistance. Pinnacle AR-AFFF 3X6% - C6 is suitable for all types of firefighting equipment and is often preferred by municipalities.

Pinnacle AR-AFFF C6 3X6% is listed at a proportioning rate of 3% for all nonpolar Class B fires, such as gasoline, heating oil and jet fuel, and at 6% for polar Class B fuels, such as E85 and E10 ethanol-blended fuels.



# Concentrate Control Supply (CCS) Systems

Hazard Control Technologies provides fixed fire suppression solutions with our Concentrate Control Supply (CCS) Systems. Whether you are adding a new suppression system or upgrading an existing system, CCS Systems can improve your system's extinguishing capabilities for Class A or Class B fires.

CCS Systems supplement Pinnacle foam into the water stream and are specifically designed for your application. Options include Balanced Pressure Pumps, Water Driven Proportioners and Bladder Tanks, dimensioned to proportion the right amounts of Pinnacle concentrate into your suppression system.

Typical applications for CCS Systems include warehouses, production areas, hydrocarbon rack storage and many others. From design and installation to final commissioning and certification, HCT works with all parties to ensure the fire protection system is installed properly and is functioning and proportioning as designed. We provide training for on-site personnel to ensure proper operation and maintenance requirements of this critical fire protection system. HCT also provides annual testing and recertification to conform to national fire codes.

## Balanced Pressure Pump System



## Water Driven Proportioner System



## Bladder Tank System



	Industries									
	Firefighters	Military	Ethanol Plants	Refineries	Airports-Fuel Storage	Pharmaceutical	Automotive	Forestry	Marine	Pulp and Paper
Class A	■	■				■	■	■		■
AFFF	■	■		■	■		■		■	■
AR-AFFF 3x3	■	■		■	■		■		■	
AR-AFFF 3x6	■	■		■	■		■		■	

	Applications				
	Class A	Class B - Polar	Class B - Nonpolar	Hydrocarbon Spills	Training
Class A	■				■
Class B - Polar		■	■	■	
Class B - Nonpolar		■	■	■	
Hydrocarbon Spills		■	■	■	
Training					■

Hazard Control Technologies can provide an experienced, on-site Incident Management Response Specialist to advise how to safely mitigate coal or combustible granular silo or stockpile fires, on call 24/7.



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