

3%

AFFF MUNICIPAL

CLASS B FOAM CONCENTRATE



TYPICAL PHYSICAL PROPERTIES (Concentrate)

Specific gravity @ 68° F (20° C)	1.02
pH	8.0 ± .05
Viscosity	2-10 cps
Lowest temperature for use	23° F
Freezing point	23° F

TYPICAL PROPERTIES (Solution)

Dilution rate	3%
Surface tension at @ 68° F (20° C)	16.5 ± 0.5
Interfacial tension with cyclohexane at @ 68° F (20° C)	3.5 ± 1.0
25% drain time (minutes)	3:30

PACKAGING

ORDERING INFORMATION (LBS./kg.)

	LBS	KG	PRODUCT #
5 gallon pails (19 liters)	42	19	10004029
55 gallon drums (208 liters)	467	212	10004028
265 gallon reusable tote tank (984 liters)	2251	1021	10004027

Approximate weight

DESCRIPTION

Phos-Chek® 3% AFFF Municipal is a lower fluorine content foam concentrate that is proportioned at 3% concentration, compatible with both fresh and sea water, and designed for municipal fire departments that occasionally have to fight smaller hydrocarbon fuel fires like gasoline or crude oil spills. Many fire trucks that have Class B foam capability are set up to proportion at 3% and the Phos-Chek 3% AFFF Municipal is an excellent choice for providing the firefighters with the concentrate they need to fight small hydrocarbon spill fires.



For more information, contact any of our worldwide Perimeter Solutions Fire Safety offices or visit us at www.Phos-Chek.com or Perimeter-Solutions.com

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HANDLING PRECAUTIONS

- FOR DETAILED SAFETY INFORMATION, please refer to the SDS.
- Precautionary Measure and First Aid: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary contact and removal of the material from the eyes, skin and clothing.
- Eye Protection: As a good industrial practice, the use of chemical goggles is recommended. If in the eyes, flush immediately with water. Eye flushing equipment should also be available.
- Skin Protection: Wear protective gloves when handling concentrate to minimize skin contact. Wash hands and contaminated skin after handling.
- Respiratory Protection: None required. The location for public viewing of the SDS is on www.phos-chek.com

APPLICATIONS

Phos-Chek 3% AFFF Municipal may be used with low expansion foam equipment (nozzles, monitors, foam chambers, etc.), non-aspirating devices (water spray nozzles and standard sprinklers) and medium expansion foam devices to fight fires involving Class B hydrocarbon fuel fires such as crude oil, aviation fuels, diesel, etc. It is not suitable for use on polar solvents or water miscible fuels such as alcohols, ketones, esters, and ethers.

SHELF LIFE, INSPECTION AND TESTING

The shelf life of any foam concentrate is maximized by proper storage conditions and maintenance. Factors affecting shelf life are wide temperature changes, extreme high or low temperatures, evaporation, dilution, and contamination by foreign materials. Properly stored Phos-Chek AFFF Class B foam concentrates should have no significant loss of firefighting performance for 20+ years. However, the National Fire Protection Association (NFPA) recommends annual testing of all firefighting foams.

STORAGE AND HANDLING

The concentrate should be stored at temperatures between 23°F (-5°C) and 122°F (+50°C), preferably in the original containers, approved bladder tanks, stainless steel, high density polyethylene, fiberglass or epoxy lined tanks. Concentrate piping acceptable materials of construction include stainless steel (either 304 or 316), some plastic piping including fiberglass and PVC, red brass, and black iron as long as the system is completely flooded eliminating the air/foam concentrate/carbon steel interface. Avoid permanent contact with carbon steel, iron, some copper alloys, & aluminum when the piping material and concentrate will be exposed to air. Galvanized piping is not recommended for AFFF piping systems. Foam concentrates are subject to evaporation, which accelerates when the product is exposed to air. Storage tanks should be sealed and fitted with a pressure vacuum vent to prevent free exchange of air.

NOTICE

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APPROVAL CERTIFICATIONS
UL 162 and EN 1568-3 (Class IB)