

# 3%

# AFFF

## 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)	43	19	10003964
55 gallon drums (208 liters)	468	212	10003963
265 gallon reusable tote tank (984 liters)	2255	1023	10003962

Approximate weight

### DESCRIPTION

Phos-Chek® 3% AFFF foam concentrate is proportioned at 3% concentration, compatible with fresh and sea water, for both fixed foam systems and manual application. Phos-Chek 3% AFFF foam is effective on hydrocarbon fuels like gasoline, heptane, crude oil, and other fuels that are not soluble in water. Our 3% AFFF concentrate is ideal for use on fixed foam systems in industrial facilities and is compatible with standard proportioning and foam making devices including bladder tank with proportioning devices, foam chambers, foam makers, sprinklers, self-inducting type nozzles, and in-line proportioners. Phos-Chek 3% AFFF is our systems level foam with our most extensive third party listings to address hydrocarbon fuel fires in industrial facilities. Phos-Chek 3% AFFF is also an excellent choice for manual firefighting operations including monitor and hand-line applications.



For more information, contact any of our worldwide Perimeter Solutions Fire Safety offices or visit us at [www.Phos-Chek.com](http://www.Phos-Chek.com) or [Perimeter-Solutions.com](http://Perimeter-Solutions.com)

#### United States

Perimeter Solutions  
10667 Jersey Blvd.  
Rancho Cucamonga,  
CA 91730  
Tel: (800) 682-3626  
(909) 983-0772  
24 Hrs: (909) 946-7371  
Fax: (909) 984-4770

#### Canada

Perimeter Solutions  
Canada LTD  
3060 Airport Road  
Kamloops, BC  
Canada, V2B 7X2  
Tel: (800) 682-3626  
(909) 983-0772  
24 Hrs: (909) 946-7371  
Fax: (909) 984-4770

#### Europe

Auxquimia S.A.U.  
Poligono Industrial de  
Baña, Parc, 23  
33682 Baña-Mieres  
Asturias - Spain  
Tel: +34 985 242945  
Fax: +34 985 253809

# 3%

# AFFF

## CLASS B FOAM CONCENTRATE

### HANDLING PRECAUTIONS

- FOR DETAILED SAFETY INFORMATION, please refer to the MSDS.
- 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 MSDS is on [www.phos-chek.com](http://www.phos-chek.com)

### APPLICATIONS

Phos-Chek 3% AFFF MilSpec may be used with low expansion foam equipment (nozzles and monitors), 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 aviation fuels, hydraulic oil, and diesel fuels. 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 30°F (-1°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

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Perimeter Solutions LP and its affiliates makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Perimeter Solutions LP be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information or the product to which the information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and Perimeter Solutions LP makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

© 2018 Perimeter Solutions LP. All rights reserved.