

3X6%FP

FLUORINE FREE ALCOHOL RESISTANT FREEZE PROTECTED FOAM CONCENTRATE



DESCRIPTION

PHOS-CHEK® 3x6% FLUORINE FREE

Alcohol Resistant Freeze Protected foam concentrate is a mixture of water, hydrocarbon surfactants, and pseudoplastic polymers. This organohalogen free foam is an environmentally responsible next generation product for use on Class B hydrocarbon and polar solvent fuel fires with fresh water. This new formulation demonstrates Perimeter Solutions Products' commitment to superior firefighting performance and environmental responsibility. PHOS-CHEK 3x6% Fluorine Free AR FP is a very capable wetting agent and can be used on Class A fires.



APPLICATIONS

PHOS-CHEK 3x6% Fluorine Free AR FP is used in fire suppression systems and manual applications to fight a broad range of Class B flammable liquid fires including hydrocarbon fuels such as gasoline and diesel, and on polar solvent fuels such as ketones and alcohols. Typical applications include storage tanks, loading racks, docks, process areas, warehouses, and is an excellent vapor suppressor for flammable liquid spills.

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 fluctuation, evaporation, dilution, and contamination by foreign materials. Properly stored PHOS-CHEK 3x6% Fluorine Free AR FP 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.

TYPICAL PHYSICAL PROPERTIES

Specific Gravity @ 68 °F (20 °C)	1.020 - 1.060
pH	7.0 ± 8.0
Viscosity (LV-4 Spindle @ 30 RPM)*	4250 - 4450 cP
Refractive Index	1.3850 - 1.3950
Lowest Temperature for Use	5 °F (-15 °C)
Freezing Point	<5 °F (<-15 °C)

*Brookfield LVT

ENVIRONMENTAL INFORMATION

Unlike legacy C8 and mixed homologue based fluorinated firefighting foams (AFFF, AR-AFFF, FFFP, AR-FFFP, FP, AR-FP) which are considered to be toxic and bioaccumulative based on current regulatory criteria, PHOS-CHEK 3x6% fluorine free alcohol resistant freeze protected foam concentrate does not contain PFAS chemicals including, but not limited to, PFOS or PFOA. Fluorinated surfactants are used in fluorinated Class B foam concentrates. Never mix Class A and Class B foam concentrates.

Perimeter Solutions foam manufacturing process is intentionally separated between fluorinated and non-fluorinated concentrate types, thus eliminating "the potential for cross contamination or residual contamination.

3X6%FP

STORAGE AND HANDLING

The concentrate should be stored at temperatures between 5 °F (-15 °C) and 120 °F (49 °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.



HANDLING PRECAUTIONS

For DETAILED SAFETY INFORMATION, please refer to the SDS.

- **Precautionary Measures:** 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 with plenty of water.
- **Skin Protection:** Wear protective gloves when handling concentrate to minimize skin contact. Wash hands and contaminated skin after handling.
- **Respiratory Protection:** None required.

For complete SDS, visit www.phos-chek.com

PACKAGING

ORDERING INFORMATION	Shipping Weight		Catalog #
3x6%FP	lb.*	kg.*	Part #
5 Gallon Pail (20 litres)	43	19	10000961
55 Gallon Drum (200 litres)	468	212	10000962
265 Gallon Tote (1,000 litres)	2255	1023	10000963
Bulk Foam Concentrate	—	—	10000964

*Approximate shipping weight

*Contact your local authorized PHOS-CHEK distributor or factory sales representative for additional details. <https://phoschek.com/contact/>



Solutions That Save.

FOR MORE INFORMATION

Contact any of our worldwide Perimeter Solutions Fire Safety offices or visit:

www.solbergfoam.com

www.Perimeter-Solutions.com

UNITED STATES

10667 Jersey Blvd.
Rancho Cucamonga, CA 91730

Tel: +1 800 682 3626

Tel: +1 909 983 0772

salesfoamusa@perimeter-solutions.com

EMEA

Polígono de Baiña, Parcela 23
33682 Mieres (Asturias)

Spain

Tel: +34 985 24 29 45

ASIA PACIFIC

3 Charles Street
St Marys NSW 2760 – Australia

Tel: +61 2 9673 5300

perimeter-solutions.com

NOTICE PERIMETER SOLUTIONS MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE COMPLETENESS OR ACCURACY OF THE INFORMATION INCLUDED HEREIN. THE INFORMATION CONTAINED HEREIN IS NOT INTENDED TO PROVIDE REGULATORY, LEGAL OR EXPERT ADVICE RELATING TO THE PRODUCTS, ITS APPLICATION OR USES. NOTHING CONTAINED HEREIN IS TO BE CONSTRUED AS A RECOMMENDATION TO USE ANY PRODUCT, PROCESS, EQUIPMENT OR FORMULATION IN CONFLICT WITH ANY INDUSTRIAL PROPERTY OR INTELLECTUAL PROPERTY RIGHTS, AND PERIMETER SOLUTIONS MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, THAT THE USE THEREOF WILL NOT INFRINGE ON ANY INDUSTRIAL PROPERTY OR INTELLECTUAL PROPERTY RIGHTS. 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 THE INFORMATION CONTAINED HEREIN.