

3x6

FLUORINE FREE

CLASS B FOAM CONCENTRATE



TYPICAL PHYSICAL PROPERTIES (Concentrate)

Specific gravity @ 68° F (20° C)	1.04
pH	7.5 +_ 0.5
Viscosity	3600 cps
Lowest temperature for use	35° F
Freezing point	~21° F

TYPICAL PROPERTIES (Solution)

Dilution rate	3% / 6%
Surface tension at @ 68° F (20° C)	25.0 ± 0.5
Interfacial tension with cyclohexane at @ 68° F (20° C)	31.5 ± 0.5
25% drain time (minutes)	23:07

PACKAGING

ORDERING INFORMATION (LBS./kg.)

	LBS	KG	PRODUCT#
5 gallon pails (19 liters)	43	20	10004070
55 gallon drums (208 liters)	474	219	10004069
265 gallon reusable tote tank (984 liters)	2282	1035	10004068

Approximate weight

DESCRIPTION

Phos-Chek® 3x6 fluorine free foam 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 fuels in both fresh and salt water and polar solvent fuel fires with fresh water that have low water solubility. This new formulation demonstrates ICL Performance Products' commitment to superior firefighting performance and environmental responsibility. Phos-Chek 3x6 fluorine free is a very capable wetting agent and can be used on Class A fires.

The Phos-Chek 3x6 fluorine free foam is designed for rapid control and knockdown in both gentle and forceful applications on hydrocarbon fuel fires. In the case of polar solvents, the foam is approved with a type II application or gentle application.



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

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
Baíña, Parc, 23
33682 Baíña-Mieres
Asturias - Spain
Tel: +34 985 242945
Fax: +34 985 253809

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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 3x6 fluorine free 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 changes, extreme high or low temperatures, evaporation, dilution, and contamination by foreign materials. Properly stored Phos-Chek 3 x 6 fluorine free 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 35°F (2°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.

NOTICE

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APPROVAL CERTIFICATIONS

UL 162, EN 1568 Parts 3 & 4, & LASTFIRE (good rating with all nozzles)