INSUL-8

PHOS-CHEK
FIRE RETARDANT | FOAM | GEL

STRUCTURAL FIRE PROTECTION LIQUID GEL

DESCRIPTION

PHOS-CHEK INSUL-8® is a water enhancing gel specially designed for municipal, industrial and wildland fire departments for application from ground equipment. Because of its enhanced coverage and unparalleled adherence capability, INSUL-8 offers superior protection for all types of structures. Far superior to other gels on the market, INSUL-8 can coat most vertical surfaces, including glass, with up to three inches of gel with no slumping. This enables firefighters to easily and quickly protect buildings, tanks and other structures from flame and/or heat impingement, without tying up valuable resources to continuously spray water. INSUL-8 provides an insulating blanket for the protected structures or fuel source to the advancing fire. INSUL-8 also provides protection against water loss due to evaporation, making it more effective than plain water.

PHOS-CHEK INSUL-8 is a liquid concentrate that mixes easily with water by proportioner, eductor, or batch mixer. The mix ratio, or dilution, can be varied based on the desired gel thickness and the quality of the water. The product can be expertly mixed and applied using Perimeter Solutions' PC CODE system.

INSUL-8 requires significantly less concentrate than other liquid concentrate gels to achieve the same properties, making it far more cost effective. Effective mix ratios are between 0.37% and 3% depending on application and water quality.

INSUL-8 is fully tested and qualified by the USDA Forest Service. It is safe, non-toxic and environmentally friendly. Cleanup is easy with a garden hose or pressure washer.

APPLICATIONS

- In industrial settings, INSUL-8 provides protection for nearby equipment such as storage tanks and for infrastructure, such as wooden bridges, power poles, communication facilities, and other structures, during hot work and from heat or flame impingement from nearby fires.
- For municipal fire departments, INSUL-8 can be used for direct suppression, including car fires, to provide fast knockdown and cooling and to prevent smoldering and reignition.
- Used with the PHOS-CHEK PC CODE system, INSUL-8 can be used in conjunction with PHOS-CHEK WD881 Class A Foam and PHOS-CHEK LC95 long-term retardant, to provide a complete fire fighting solution.
- INSUL-8 can be used for direct fire suppression or for very short term (less than four hours) indirect protection.
- Applied aerially, INSUL-8 provides significantly better recovery than plain water. With its low dose rate, INSUL-8 can be mixed with on-board injection systems on many water scooping aircraft.

APPLICATION

	Long-Term Retardant	Gel	Class A Foam	Water
Indirect Attack	✓✓✓✓	✓✓	✓	
Direct/Parallel Attack	✓✓✓✓	✓✓✓	✓✓	✓
Interior Structure Attack		✓✓	✓✓✓✓	✓
Structure Protection-Indirect Application	✓✓✓✓	✓✓✓	✓✓	✓
Structure Protection-Direct Application		✓✓✓✓	✓✓✓	✓
Mop Up	✓✓	✓✓	✓✓✓✓	✓
Prescribed Burn Control	✓✓✓✓	✓✓✓	✓✓	✓

✓✓✓✓ = Superior Effectiveness
✓✓✓ = Excellent Effectiveness
✓✓ = Good Effectiveness
✓ = Baseline Effectiveness

PRODUCT CHARACTERISTICS

Color	Yellowish liquid
Mix Ratio	Direct suppression: 0.37% – 0.55% Structural protection: 1% – 3%
Specific Gravity	1.0 ± 0.03
Viscosity (Concentrate)	800 – 1100 centipoise (cP)
Viscosity (Mixed)	>4000 centipoise (in distilled water) @ 0.6% >8000 centipoise (in distilled water) @ 1.0%

For more information, contact any of our worldwide Perimeter Solutions Fire Safety offices, see back page for locations, or visit www.Phos-Chek.com or www.Perimeter-Solutions.com

INSUL-8

PHOS-CHEK
FIRE RETARDANT | FOAM | GEL

STRUCTURAL FIRE PROTECTION LIQUID GEL

HANDLING PRECAUTIONS

- For detailed safety information, please refer to the SDS.
- Mildly irritating to eyes. Slightly irritating to skin.
- 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.
- Surfaces coated with gel may be slippery. Exercise extreme caution.
- Eye Protection: As a good industrial practice, the use of chemical goggles is recommended. If in eyes, flush with plenty of water for 15 minutes.
- Skin Protection: Wear protective gloves to minimize skin contact. Wash hands and contaminated skin after handling. Flush with copious amounts of water for at least 15 minutes.
- Respiratory Protection: None required. Avoid breathing dust or vapor/mist.
- For complete SDS, visit www.phos-chek.com

PACKAGING

ORDERING INFORMATION

	lb*	kg*	PART #
5 gallon pail (20 litres), PHOS-CHEK INSUL-8	43	19	10002895
55 gallon drum (200 litres), PHOS-CHEK INSUL-8	2255	1023	Call
260 gallon tote (985 litres), PHOS-CHEK INSUL-8	2255	1023	10003487

*Approximate weight

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

UNITED STATES
PERIMETER SOLUTIONS, LP
10667 Jersey Blvd.
Rancho Cucamonga, CA 91730
Tel: +1 800 682 3626
+1 909 983 0772
24HR: +1 909 946 7371

CANADA
PERIMETER SOLUTIONS CANADA, LTD
3060 Airport Road
Kamloops, BC V2B 7X2
Canada
Tel: +1 250 544 3530
24HR: +1 800 665 2535

EUROPE
PERIMETER SOLUTIONS BIOGEMA SAS
415, rue Louis Armand
Pôle d'activités Aix les Milles
F-13290 Aix en Provence France
Tel: +33 4 42 24 45 08
24HR: +33 6 8910 3300

AUSTRALIA
PHOS-CHEK AUSTRALIA
46 Hudson Crescent
Albury NSW 2641
Australia
Tel: +61 2 6040 6900
24HR: +61 0 417 525 970

PERIMETER SOLUTIONS, LP
AIRBASE SERVICE CENTER
5980 E Commerce Loop
Post Falls, ID 83854
Tel: +1 208 765 8380
24HR: +1 208 765 8380

PERIMETER SOLUTIONS CANADA, LTD
110-55202 SH 825
Sturgeon County, AB T8L 5C1
Canada
Tel: +1 780 992 7900
24HR: +1 780 992 7900

LATIN AMERICA
PHOS-CHEK CHILE LTDA
Las Brisas 2271, Lote A
Palomares Concepción Chile
Tel: +56 2 3269 3100
Tel: +56 9 6233 8737

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

Perimeter SOLUTIONS
Quality Products. Exceptional Response.

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.

© 2019 PERIMETER SOLUTIONS LP. ALL RIGHTS RESERVED. PHOS-CHECK AND PERIMETER SOLUTIONS ARE TRADEMARKS OF PERIMETER SOLUTIONS LP OR ITS AFFILIATES.

PCC-2019047-0