

PHOS-CHEK® LCE20W



PRODUCT HIGHLIGHTS

- **USDA Forest Service 5100-304d certification**
- **100% phosphate product**
- **Low environmental footprint**
- **Low toxicity to fish**
- **Improved product stability**
- **Easy handling**
- **Low-viscosity**
- **Uncolored**
- **Second-generation product**
- **Reduced disposal costs**
- **Increased product safety**

DESCRIPTION

PHOS-CHEK® LCE20W is an uncolored version of PHOS-CHEK LCE20-Fx long-term fire retardant, which is a red solution dropped from aircraft during active wildfires to prevent their spread. PHOS-CHEK LCE20W is a ground-applied fire retardant that is uncolored and can be delivered to application sites as a low-viscosity liquid. An innovative 100% phosphate product, PHOS-CHEK LCE20W utilizes an environmentally friendly formula to offer improved performance, product safety, and enhanced stability resulting in easier handling. A successor to PHOS-CHEK LC95W, this next-generation technology improves stability and is easier to handle and store. The updated formula also reduces environmental impact and disposal costs.



APPLICATIONS

PHOS-CHEK LCE20W delivers a proactive and preventive wildfire management solution. This advanced fire retardant can be sprayed ahead of fire season or even during an oncoming fire threat with standard application equipment such as hydroseeders or tank sprayers. Anyone using equipment to spray fire retardant for ground applications can use PHOS-CHEK LCE20W, which is qualified by the USDA Forest Service under the updated specification for Long Term Retardant, Wildland Firefighting 5100-304d (published January 7, 2020). PHOS-CHEK LCE20W is also a useful tool for prescribed burns and fire breaks. When applied at lower concentrations, fire intensity can be dramatically reduced, while only slow and controlled burning remains supported.

As an uncolored fire retardant, PHOS-CHEK LCE20W offers all the wildfire prevention and protection benefits of PHOS-CHEK long-term fire retardant, but it can be applied in areas that are sensitive to staining, such as around homes or in national parks.

PRODUCT CHARACTERISTICS

Color	Uncolored
Mix Ratio	5.4:1 water/concentrate
Yield	1153 gal/ton of concentrate — 4811 liters/metric ton of concentrate
Concentrate Density	11.10 lb/gal — 1.330 kg/liter
Viscosity	150 – 400 centipoise (cP)
Refractive Index	9.5 – 12.0

PHOS-CHEK® LCE20W

APPLICATION	RETARDANT	GEL	FOAM	WATER	
Indirect Attack	✓ ✓ ✓ ✓	✓ ✓	✓		
Direct/Parallel Attack	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	
Interior Structure Attack		✓ ✓	✓ ✓ ✓ ✓	✓	
Structure Protection: -Indirect Application	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓ ✓ ✓ ✓ = Superior Effectiveness
Structure Protection: -Direct Application		✓ ✓ ✓ ✓	✓ ✓ ✓	✓	✓ ✓ ✓ = Excellent Effectiveness
Mop Up	✓ ✓	✓ ✓	✓ ✓ ✓ ✓	✓	✓ ✓ = Good Effectiveness
Prescribed Burn Control	✓ ✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓ = Baseline Effectiveness

HANDLING PRECAUTIONS

- FOR DETAILED SAFETY INFORMATION, please refer to the SDS.
- Non-irritating to eyes; non-irritating to skin.
- If in eyes: flush with plenty of water.
- **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 with good industrial practices, the use of chemical goggles is recommended. Eye flushing equipment should also be available.
- **Skin Protection:** As with good industrial practices, protective gloves should be worn to minimize skin contact. Wash hands and contaminated skin after handling.
- **Respiratory Protection:** Avoid breathing vapor or mist.
- For detailed safety information, please refer to the SDS. www.perimeter-solutions.com

PACKAGING

ORDERING INFORMATION	Shipping Weight		Catalog #
PHOS-CHEK LCE20-Fx	lb.	kg.	
5 Gallon Pail (20 litres)	56	25	10001166
55 Gallon Drum (200 litres)	612	278	10001165
260 Gallon Tote (984 litres)	2894	1313	10001164
Bulk Packaging*	—	—	10000075

*Contact your local authorized distributor or factory sales representative for additional details. <https://perimeter-solutions.com>



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