



PHOS-CHEK®

Fire Retardant, Class A Foam & Gel



ICL Performance Products LP

www.phoschek.com

PHOS-CHEK® LC-95 Fire Retardants Low Viscosity Liquid Concentrate

Uses:

PHOS-CHEK LC-95 Fire Retardants are qualified by the USDA Forest Service for use in fixed-wing air tankers and helicopters with buckets and ground engines. LC-95 is ideal for use in multi-engine fixed-wing air tankers, single engine air-tankers (SEATS). The concentrate is delivered to the using location as a low viscosity liquid and is stored in the concentrate form. It is diluted and mixed with water as it is transferred to the delivery system.



PHOS-CHEK Fire Retardants are used for wildland fire control in forest, brush or grassland. Functionally, PHOS-CHEK Retardants react with and alter the thermal decomposition of wildland fuels so that they do not support flaming or glowing combustion. This deprives the fire of fuel reducing fire intensity and the rate of flame spread. They are useful as well in prescribed burning. When applied at low application rates, fire intensity is dramatically decreased while slow burning is allowed.

Description:

PHOS-CHEK LC-95 Fire Retardants are concentrated liquids that mix readily with water by recirculation, agitation or mechanical or electronic PHOS-CHEK liquid proportioning systems. PHOS-CHEK LC-95 fire retardant solutions are the only liquid concentrate (LC) ammonium polyphosphate retardants that offer both the ease of mixing and handling of a liquid and the aerial drop advantages of a gum-thickened retardant. The elastic nature of the thickener in PHOS-CHEK retardants facilitates increased fuel coverage, wrap around and penetration through canopy and ladder fuels to ground vegetation.

Both LC-95A and LC-95D are red iron oxide colored. All PHOS-CHEK retardants are the most environmentally friendly retardants available.

Typical Analysis:

Color:	Red (R)
Mix Ratio:	LC-95A - 5.5 volumes of water per volume concentrate LC-95D - 4.25 volumes of water per volume concentrate
Yield:	LC-95A - 1054 US gals per ton concentrate (<i>4398 liters / MT</i>) 6.47 volumes of dilute per volume concentrate LC-95D - 869 US gals per ton concentrate (<i>3626 liters / MT</i>) 5.21 volumes of dilute per volume concentrate
Density:	LC-95A - 12.28 lbs per US gallon concentrate (<i>1.476 kg per liter</i>) 8.97 lbs per US gallon of dilute (<i>1.078 kg per liter</i>) LC-95D - 11.99 lbs per US gallon concentrate (<i>1.441 kg per liter</i>) 9.09 lbs per US gallon of dilute (<i>1.092 kg per liter</i>)
Viscosity:	100-200 centipoise (cP)

Packaging:

PHOS-CHEK LC-95 is available in bulk trucks, 260 and 330 gallon totes, 30 and 55 gallon drums and 5 gallon pails. Special packaging available.



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Handling

FOR DETAILED SAFETY INFORMATION PLEASE REFER TO THE MSDS.

Precautions:

MAY CAUSE IRRITATION TO EYES; CONSIDERED PRACTICALLY NO IRRITATION 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.

EYE PROTECTION: As a good industrial practice, the use of chemical goggles is recommended. Eye flushing equipment should also be available.

SKIN PROTECTION: Wear protective gloves to minimize skin contact. Wash hands and contaminated skin after handling.

RESPIRATORY PROTECTION: None required.

IF IN EYES: Flush with plenty of water.

Notice: Although the information and recommendations set forth (herein thereafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Performance Products LP makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving same will make their own determination as to the suitability for their purposes prior to use. In no event will ICL Performance Products 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 containing herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL Performance Products LP makes no representation or warranty, express or implies, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS 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 THE INFORMATION REFERS.

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