

## Phos-Chek LC-95-W (5.5:1 mix ratio)

Phos-Chek LC-95-W is a wet concentrate formulation that uses ammonium polyphosphate (APP, 11-37-0) as the fire retardant salt. Phos-Chek LC-95-W contains a gum thickener to provide a low viscosity product. This product does not have a color package, making it useful for applications where any color may be a concern.

Product Type:	Low viscosity, gum-thickened, wet concentrate.
Application:	Helicopter bucket, and ground engines.
Use level:	1 gallon of wet concentrate mixed with 5.5 gallon of water will produce 6.5 gallons of mixed retardant. Each gallon of mixed retardant contains the equivalent of 1.91 pounds or approximately 0.15 gallons of wet concentrate.
Yield:	1 ton of wet concentrate yields 1050 gallons of mixed retardant.
Specific weight:	8.99 and 12.31 lb/gal, respectively, for the mixed retardant and wet concentrate.
Viscosity:	150 – 400 centipoise (cP) Field measurement (Marsh Funnel): <b>A flow-through time between 34 and 52 seconds using the Low Viscosity Marsh Funnel with small (3/16 inch diameter) tip indicates an acceptable viscosity.</b>
Salt content:	7.38 percent by weight P2O5. Field measurement (refractometer): A reading of 13.0 indicates proper salt content. <b>A reading between 11.75 and 14.0 indicates an acceptable salt content.</b>  Field measurement (Density): A density of 1.077 g/ml indicates proper salt content. A density between 1.069 and 1.085 g/ml indicates an acceptable mixed retardant. 8.99 lb/gal for mixed retardant; equivalent to a density of 1.077 g/mL.