



FIGHT FIRE with PHOS-CHEK

PHOS-CHEK® MVP-F Fire Retardant Medium Viscosity Powder Concentrate

Description & Use:

PHOS-CHEK MVP-F long-term retardant is qualified by the USDA Forest Service under specification 5100-304c for use in fixed wing airtankers and helicopters with buckets. MVP-F is an all-phosphate, gum thickened, fugitive colored retardant. It is a highly effective long term retardant with a higher yield than any other retardant on the market.

PHOS-CHEK long-term fire retardants are used for wildland fire control in forest, brush or grassland. Functionally, PHOS-CHEK retardants react with, and alter the decomposition of wildland fuels, so that at the qualified mix ratio they do not support flaming or glowing combustion. This deprives the fire of fuel, reducing fire intensity and rate of spread. Long-term retardants are useful in prescribed burning. When applied at low application rates, fire intensity can be dramatically decreased while slow burning continues.

PHOS-CHEK MVP-F is a highly soluble powder that mixes readily with water by recirculation, agitation or PHOS-CHEK eductor-mixer systems. MVP-F is a true fugitive color retardant that maintains visibility during application, but fades to an earth tone color after exposure to sunlight.

PHOS-CHEK MVP-F is gum-thickened to medium viscosity to provide highly effective and accurate aerial drops from all airtankers. The elastic nature PHOS-CHEK MVP-F improves aerial delivery performance by reducing drift, dispersion and evaporation and facilitates increased fuel coverage, wrap around and penetration through canopy and ladder fuels to ground vegetation. Recovery can exceed 90%. It is ideal for the use in multi-engine airtankers, VLATs and SEATs and can be accurately dropped higher drop heights.

Product Characteristics:



Color:	Fugitive (F)
Mix Ratio:	0.95 lbs per US gallon of water <i>0.11 kg per liter</i>
Yield:	2225 US gallons per ton of concentrate <i>9285 liters per 1000 kilograms</i>
Solution Density:	8.79 lbs per US gallon <i>1.05 kilograms per liter</i>
Viscosity:	400-800 centipoise (cP); 400-600 cPs for operational specs
Refractometer:	7.75-9.75 Indicates an acceptable salt content for mixed retardant

Packaging:

PHOS-CHEK MVP-F is available in 2000 lb. Phos-Bin containers, 2000 lb. bulk bags, and 50 lb. pails. Special package sizes available.



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Always use the right tool for the job:

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

FOR DETAILED SAFETY INFORMATION PLEASE REFER TO THE MSDS.



For more information, contact any of our worldwide wildfire offices or visit us as www.phoschek.com:

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