October 5th, 2021

Long-Term Retardant for Wildland Fire Management - Pretreatment

Qualified by US Forest Service in Accordance with Forest Service Specification 5100-304d

These products are evaluated, qualified, and approved for use only at the specified mix ratio with the indicated application equipment.

Consult individual agencies for specific policies relating to long-term retardant use.

Definition: Retardants contain salts that decrease fire intensity and slow advance of the fire, even after the water they contain evaporates.

Chemical	Mix Ratio	Qualified Applications[1]				
		Fixed-Wing		Helicopter		Ground Applied
	(Gallons of water per gallon Concentrate)	Multi Engine	SEATS	Fixed-Tank	Bucket	
Pretreatment, Non Storable[2]						
Phos-Chek LC-95-W	5.5:1	-	-	-	-	
Phos-Chek LC-95A-Fx	5.5:1	-	-	-	-	
Phos-Chek Fortify	4	-	-	-	-	
Phos-Chek LCE20W	4	-	-	-	-	
Fortress FR-600	4	-	-	-	-	
Komodo	4	-	-	-	-	

1 – Qualification Notes

Fully Qualified – Product complies with all requirements of a formal specification.

Conditionally Qualified – Product complies with all requirements in the specification for laboratory evaluation; a field evaluation is required for full qualification.

Δ Interim Qualified – Product complies with all interim requirements in Appendix A of the specification; final results and a field evaluation is required for full qualification.

\- Not qualified for this application.

2 – Pretreatment category has not been evaluated for durability and weathering.

3 – CAUTION: When switching between products from different manufacturers, rinsing the tank is required. Cross-mixing of these products may increase maintenance time and cleaning.

4 – These products are designed to be delivered pre-mixed and ready-to-use as pretreatment chemicals. No mixing shall take place after purchase.