



August 5th, 2023

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.

<u>Chemical</u>	<u>Mix Ratio</u> (Gallons of water per gallon Concentrate)	<u>Qualified Applications¹</u>				Ground Applied
		Fixed-Wing		Helicopter		
		Multi Engine	SEATS	Fixed-Tank	Bucket	
Pretreatment, Non Storable²						
Phos-Chek LC-95-W*	5.5:1	-	-	-	-	●
*also sold as Phos-Chek GS 23 RR						
Phos-Chek LC-95A-Fx	5.5:1	-	-	-	-	●
Phos-Chek Fortify	4	-	-	-	-	●
Phos-Chek LCE20W	4	-	-	-	-	●
Fortress FR-600	4	-	-	-	-	●
Komodo	4	-	-	-	-	●
Fortress FR-100	1.68 lb/gal	-	-	-	-	●
Fortress FR-200	2.4:1	-	-	-	-	●
Fortress FR-105 HV	1.68 lb/gal	-	-	-	-	●
Fortress FR-700	4	-	-	-	-	●
Fortress FR-205	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.