



8/5/2007

WATER ENHANCERS

Approved by USDA Forest Service In Accordance with Forest Service Specification 5100-306A (Draft – December 2002)

**The listed products are approved for use,
only at the specified mix ratio or mix ratio range and only with the indicated application equipment.
Consult individual agencies for specific policies relating to water enhancer use.**

Please review the Notes for Selection and Use [www.fs.fed.us/rm/fire/wfcs/documents/we_notes.pdf]

<u>Chemical</u>	<u>Mix Ratio</u> ¹	<u>Approved Applications</u> ²					
		Fixed-Wing Airtanker	Fixed-Wing Water Scooper	SEATS	Helicopter		Ground Engine
					Fixed-Tank	Bucket	
Uncolored							
Phos-Chek AquaGel-K ⁴	0.4-1.2%	○		○		★	★
Thermo-Gel 200L ⁵ (blue pails ³)	2%					★	★
Flame Guard Gel	0.6 lb/gal					★	★
Wildfire AFG Firewall ⁶	3.0%	○		○		★	★
FireFreeze ColdFire	1.0%	○		○	★	★	★
Barricade II	1.0%	○		○			
Barricade II	1.0% - 5.0%					★	★
Thermo-Gel 200L (red pails ³)	0.5% - 3.0%	○		○		★	★

Colored - No colored water enhancers are available

1	The product, outside the mix ratio or mix ratio range shown , is not qualified for use.
2	<ul style="list-style-type: none"> ● Fully Qualified (Product complies with all requirements of a formal specification.) ★ Administrative Approval (Product complies with all requirements of a draft specification or administrative work plan.) ○ Conditional Approval (Product complies with all requirements in the specification for laboratory evaluation; a field evaluation is required for full qualification. Not available for use except during an agency-authorized field evaluation.)
3	Thermo-Gel 200L supplied in blue pails is NOT approved for use in Fixed-Wing Airtankers, including SEATS. Thermo-Gel 200L supplied in red pails (or red labels on larger containers) is conditionally approved for fixed-wing application during an agency authorized field
4	This product was evaluated and approved under the name Chemdal Aqua Shield.
5	This product was evaluated and approved under the name Stockhausen Cindet FP-47.
6	This product was evaluated and approved under the name NoChar E112.