



5/5/09

WATER ENHANCERS

Qualified By USDA Forest Service In Accordance with Forest Service Specification 5100-306A (June 2007)

**These products are evaluated and qualified only at the specified mix ratio range and only for use with the indicated application
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>Qualified Applications</u> ²				
		<u>Fixed-Wing Airtanker</u>		<u>Helicopter</u>		<u>Ground</u>
		<u>Multi Engine</u>	<u>SEATS</u>	<u>Fixed-Tank</u>	<u>Bucket</u>	<u>Engine</u>
Uncolored - Only uncolored products have completed a laboratory evaluation as required by Forest Service Specification 5100-306a						
Chemdal Aqua Shield 100	0.4-1.2%	3	•		•	•
Sold as Phos-Chek AquaGel-K						
Sold as FireOut Ice						
Stockhausen Cindet FP-47	2%	3			•	•
Sold as Thermo-Gel 200L (blue pails)						
Wildfire AFG Firewall	3.0%	3	•		•	•
Barricade II	1.0%	3	•		•	•
Barricade II	1.0% - 3.0%				•	•
Thermo-Gel 200L (red pails)	0.5% - 3.0%	3	• 4		•	•
Thermo-Gel 500P	0.4% - 0.5%	3	•	•	•	•
Wildfire AFG Firewall II	0.25% - 3.0%	3	•	•	•	•

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
 - Fully Qualified (Product complies with all requirements of a formal specification.)
 - 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.
- Evaluations from the field are requested with regard to effectiveness, ease of use and mixing. (Evaluation forms are available)
- ³ Forest Service policy does not allow application of water enhancers from large airtankers. These products meet the requirements for application from multi-engine aircraft for those agencies whose policy permits this use.
- ⁴ Colored products may be used within a controlled study to determine visibility as required by the specification.