1/5/09

# WATER ENHANCERS
### Qualified By USDA Forest Service In Accordance with Forest Service Specification 5100-306A (June 2007)
**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]**

| Chemical | Mix Ratio[1] | Approved Applications[2] | | | | |
|---|---|---|---|---|---|---|
| | | Fixed-Wing Airtanker | | Helicopter | | Ground |
| | | Multi Engine [3] | SEATS | Fixed-Tank | Bucket | Engine |
| **Uncolored ˉ Only uncolored products have completed a laboratory evaluation as required by Forest Service Specification 5100-306a** | | | | | | |
| Chemdal Aqua Shield 100 | 0.4-1.2% | | ● | | ● | ● |
|     Sold as Phos-Chek AquaGel-K | | | | | | |
|     Sold as FireOut Ice | | | | | | |
| Stockhausen Cindet FP-47 | 2% | | | | ● | ● |
|     Sold as Thermo-Gel 200L  (blue pails) | | | | | | |
| Wildfire AFG Firewall | 3.0% | | ● | | ● | ● |
| Barricade II | 1.0% | | ● | | ● | ● |
| Barricade II | 1.0% - 3.0% | | | | ● | ● |
| Thermo-Gel 200L (red pails) | 0.5% - 3.0% | | ●    4 | | ● | ● |
| Thermo-Gel 500P | 0.4% - 0.5% | | ● | ● | ● | ● |
| Thermo-Gel 500P | 0.4% - 1.2% | | ● | | ● | ● |
| | | | | | | |
| **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.) |
| | o    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. |