



Summary: A review of the information provided by the supplier may yield evidence of potential photo-enhanced toxicity, especially to aquatic organisms. In this case additional testing, designed to answer concerns about the product may be required.

The Project Leader for Fire Chemicals, will send the supplier a letter notifying them of the need for additional testing, the reasons for that testing, and an estimate of the cost and time to perform the tests. The supplier will be asked to either approve the additional testing, at their expense, or the product evaluation will be cancelled.

Once supplier approval for additional testing has been received, a sample of the product that was submitted to the Forest Service for qualification testing is then sent to an approved testing lab. Results are sent back to the Forest Service.

The Project Leader for Fire Chemicals compiles the results and prepares a letter to the supplier showing the performance of the submitted product. A copy of the lab report is also provided to the supplier.

Method:

1. All testing shall be performed in accordance with STP-1.4, Fish Toxicity, except as noted below.
2. All exposures will be conducted under controlled lighting with defined levels of visible, UVA, and UVB irradiance as found in the reference cited below.

References:

Edward E. Little and Robin D. Calfee, U.S. Geological Survey, Biological Resources Division. The Effects of UVB Radiation on the Toxicity of Fire-Fighting Chemicals. 2000.