



Evaluation of Wildland Fire Chemicals

STANDARD TEST PROCEDURES

STP 4.8 – Flash & Fire Point

Summary: The flash and fire point of each product is evaluated to ASTM D-92¹. Each measurement helps evaluate the overall flammability hazard of the material. Flash point is evaluated for shipping and safety regulations. As per ASTM D-92¹, flash point “can indicate the possible presence of highly volatile and flammable materials in a relatively nonvolatile or nonflammable material.” Additionally, “The fire point is one measure of the tendency of the test specimen to support combustion.”

WATER ENHANCERS and FOAMS

This test is contracted to an independent accredited laboratory. Water Enhancers and Foams are tested and shall not have a flash point below 140°F. Fire Point does not have any criteria.

Method:

Conducted by an independent laboratory to the guidance of ASTM D-92¹ with use of a Cleveland open cup apparatus.

References:

¹American Society for Testing and Materials. Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester; D92.