

3.5.1.5 Aqueous Film Forming Foam (AFFF)

AFFF is a synthetic firefighting agent consisting of fluorosurfactants ~~and/or fluoroproteins~~. It serves as an effective firefighting agent by forming an oxygen-excluding barrier over an area. In order to produce AFFF solution, AFFF concentrate ~~a concentrated solution of the foam-forming agent~~ is injected into the water stream of a fire hose or firemain. Vessels equipped with AFFF equipment must periodically (annually or semi-annually) test the equipment for maintenance, certification, or training purposes resulting in discharge overboard or onto the deck.

Comment [SGF1]: I would disagree. AFFF only contains synthetic surfactants, which in this case are fluorosurfactants. Foams that contain fluoroproteins include film-forming foam fluoroprotein (FFFP), alcohol-resistant fluoroprotein foam (AR-FP), and alcohol-resistant film-forming fluoroprotein (AR-FFFP)

Comment [SGF2]: The correct term if they would want to keep the sentence more similar would be, "aqueous film-forming foam concentrate"