

WHY USE NOCHAR'S E112 AFG

EDUCTED OR BATCH MIXED, E112" AFG" IMPROVES THE PERFORMANCE OF WATER AS A FIREFIGHTING TOOL.

Nochar's E112 "AFG" reduces the amount of water needed to knock down a fire, prevent rekindle, speed up knock-down time to reduce property damage and minimize personal injury risks, scavenge heat from burning surfaces and the air in a room. Nochar's E112 "AFG" forms a heat barrier on the surfaces to prevent ignition or rekindle from radiant heat.

Five gallons of water, mixed using a 1% solution ratio of E112 "AFG", can do the work of up to one hundred fifty gallons of straight water. E112 "AFG" can immediately cool a burning surface and form a heat barrier to keep surfaces below ignition temperatures. The need for continuous application of water is greatly reduced. By using an eduction mix ratio of 1½% with a fogging nozzle, the air is cooled rapidly. By varying the mixing ratio and hose stream pattern, E112 "AFG" can be used in differing strategies for suppression and protection.

Fires in remote or rural areas usually involve the transportation of water for some distance. E112, at 1% solution, minimizes the amount of water needed to fight the fire and also reduces the time required for knock-down. Speed is always of the essence. The longer the knock-down time, the more risks there are to the fire fighters. Weather changes and wind shifts can take place rapidly, frustrating the efforts of the fire crews. Quite often fires in farm buildings involve chemical storage tanks in close proximity. E112 "AFG", at 3% solution can be used temporarily to thermally protect both A storage tank and its contents from heat and flames.



In 1991, a controlled burn took place in New Hampshire as a training exercise for the State Volunteer Fire Service. Several Blue Spruce trees were in the immediate vicinity of the burn. They were sprayed with E112 "AFG" to protect them during the burn. The trees now grace the new visitor's center.