

# Baum's Novacool UEF



Baum's Castorine Company Inc. of Rome New York has been manufacturing fire suppression foams since 1980. Baum's latest technology is **Baum's Novacool UEF** (Universal Extinguishing Foam). Novacool UEF is a mixture of Anionic, Nonionic and Amphoteric surfactants. It does not contain any nonylphenolethoxylates (NPE's), Fluorosurfactants, or glycol ethers. Test data shows it to be readily biodegradable.

## Novacool UEF works in three ways to extinguish a fire

1. It reduces the surface tension of water to improve the penetrating ability of water,
2. It vastly improves the heat transfer from the fuel into water, and
3. It reduces fuel vapor pressure by emulsifying class B materials at the fuel surface.

## Novacool is Leaner, Meaner and Greener

- Biodegrades rapidly and is not bioaccumulative
- Fills voids and sticks to a vertical surface when applied as foam through a foaming nozzle or CAF system
- Contains no alcohols (will not cause AFFF to defoam)
- Creates a good foam when mixed with all water types: fresh, brackish and sea water.
- Greatly reduces or eliminates run off due to the reduced amount of water required to extinguish the fire and the wetting properties that keep the water on and in the fuel
- Coats class A fuels (even waxy vegetation) to increase moisture content and provides a barrier to an oncoming flame front
- Uses concentration of as little as 0.4%