

# Foam Concentrate Storage



Store foam as if it were latex paint. As long as packaging remains air tight it will last many years.

Keep foam totes full, as sloshing in a partly full tank will cause AR-AFFF foam concentrate to become air-bound (frothy) making for lean proportioning.

NFPA 11 requires annual foam quality analysis. Send 500 ml samples to our tech. services lab at Combat Support Products, Inc. 3738 Rawls Church Rd. Fuquay-Varina, NC 27526

Foam concentrate should be stored between 35 F (2c) and 120 F (49c). Freezing and thawing will not affect National Foam AR-AFFF, but may others. Foam stored in air-tight packaging should last twenty years or more. Do not mix regular AFFF or class A foam with alcohol resistant foam.

# Foam Quality Analysis

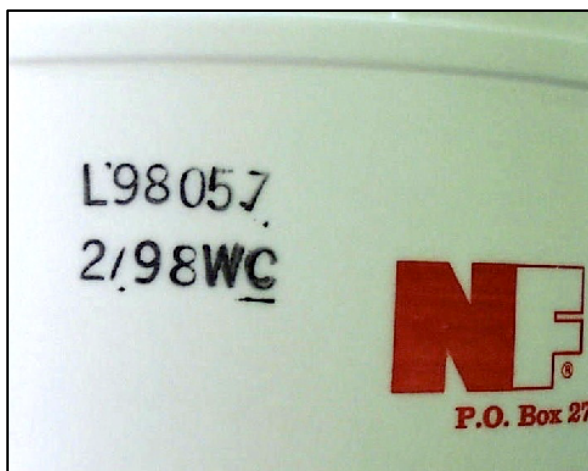
Due to PFOS/PFOA issues, AFFF foam mfgd before 2002 is likely to be on do not use status.

NFPA foam quality analysis.

If apparatus foam tank concentrate is more than three years old, or at all questionable, capture two 500 ml (16 fl oz) samples; one from near tank top and one from near bottom. Fifty-five gal. drums and totes treat the same.

Package labeled samples in sturdy, well sealed plastic (no glass) containers tagged with engine, trailer or boat i.d. Include manufacture, product name, proportioning %. If available, record lot or mfg. date. Example: National Foam Universal Gold 1x3% - 6/98 - W/C

A photo of container label showing mfg date would be most helpful.



A sampling kit has containers and a small hand pump for drawing foam samples and is an item we can supply.



Send to Combat Support Products, Inc.  
3738 Rawls Church Rd. Fuquay-Varina, NC 27526







# Foam Quality Analysis (FQA)

Foam concentrate stored indoors, in sealed factory packaging, at temperatures between 35F (2c) and 120F (49c) is not likely to have a problem. Shelf life should be 20+ years. At ten years it's a good idea to send a sample for FQA.

If partly full concentrate tanks are exposed to temperature and humidity swings it's quite normal for atmospheric condensate to accumulate inside the tank. Over time, condensate may be sufficient to weaken foam performance. Recommend you send samples for FQA.

If open tank valves are connected to a proportioner's water source, accidental system cycling may have caused water contamination. If you are not sure, send samples for FQA.

**NOTE:** Due to PFOS/PFOA issues, AFFF foam mfg before 2002 is likely to be on do not use status.



Foam Trailer Training - © 2011-2018 CombatSupportProducts Inc. 910-707-0309