

# EE-3

## NEWTONIAN TRAINING FOAM CONCENTRATE 3%

**1. DESCRIPTION.-** Synthetic foam compound specially designed to be used for training and exhibition purposes, not for extinguishing. This product is formulated with synthetic surfactants easily biodegradable, with a low environmental impact. **It does not contain fluorochemicals.**

**2. USE.-** Use with standard proportioning equipment and foam devices. EE-3 can be used to test, verify and exhibits foam equipment, for training fire brigades, etc, being the ideal product for training centers. It is an concentrate with extinguishing capability on class A and B (hydrocarbon) fires, but its burn-back resistance has been reduced voluntarily allowing the possibility to make successive tests in the same fire pool.

**3. DOSAGE.-** The dosage rate is 3% in fresh or sea water for production of all types of foam.

**4. SPECIFICATIONS.-** The typical characteristics of the concentrate are:

Specific gravity @ 20°C	1.02
pH @ 20°C	7.5
Viscosity, cone and plate, mPa.s @ 20°C	2.5
Freezing point, °C	-2

**5. PACKAGING.-** The product is supplied in 20 or 25 L PE prismatic containers, 200 L PE cylindrical drums and 1.000 L IBC containers.



**6. CHARACTERISTICS OF FOAM SOLUTIONS.-**

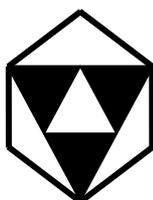
Dilution rate	3%
Surface tension at 20°C, mN/m (Demineralised water)	27
Interfacial tension with cyclohexane at 20°C, mN/m	3
Low Expansion Foam (EN 1568-3)	
Foam Expansion Index	10.0
25% Drainage Time, min	3:30
Medium Expansion Foam (EN 1568-1)	
Foam Expansion Index	100
25% Drainage Time, min	3:25

**7. STORAGE.-** The foam concentrate shall be stored at temperatures between 0° and +50°C, preferably in their original containers, well sealed. The product has not expiration date.

**8. CAUTIONS.-** Foams should not be used in contact with electrical equipments, nor with chemical products that can react with water. It is recommended to avoid the contact of the foam concentrate with the skin. In case of eye splashes wash with plenty of water. In case of ingestion do not induce vomit, drink water and take medical advice.



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