

TF-136

PSEUDOPLASTIC TRAINING FOAM CONCENTRATE

1. DESCRIPTION.- Synthetic foam compound specially designed to be used for training and exhibition purposes, not for extinguishing. It allows simulate the use of the 1%, 3% or 6% conventional pseudoplastic foam concentrates, avoiding the use of expensive products. 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. TF-136 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 1%, 3% or 6% in fresh or sea water, allowing the simulation of use of typical foam concentrates such as 1x3, 3x3, 3x6 or 6x6.

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

Specific gravity @ 20°C	1.02
pH @ 20°C	7.5
Viscosity, cone and plate, 375/75 s ⁻¹ mPa.s @ 20°C	74/260
Freezing point, °C	< -5

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	1%	3%	6%
Surface tension at 20°C, mN/m (Demineralised water)	33	33	33
Interfacial tension with cyclohexane at 20°C, mN/m	4	4	4
Low Expansion Foam (EN 1568-3)			
Foam Expansion Index	7.0	8.2	8.4
25% Drainage Time, min:s	3	9	21
Medium Expansion Foam (EN 1568-1)			
Foam Expansion Index	-	120	130
25% Drainage Time, min:s	-	6:00	14:00

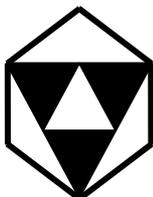
At 3%, TF-136 fulfils the EN-1568-1 standard for medium expansion foams and the EN-1568-3 for low expansion foams (class IIID).

7. STORAGE.- The foam concentrate shall be stored at temperatures between -5° and +50°C, preferably in their original containers, well closed. 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.



Ed. 02.14



AUXQUIMIA S.A.

P.I. Baiña, P-23 · E-33682 MIERES · SPAIN
Tel. (+34) 985 242945 / 6
Fax. (+34) 985 253809
e-mail: info@auxquimia.com

24h Emergency: (+44) 01202864796

