

**PROSINTEX A****Synthetic based foam concentrate****For use on Class "A" and "B" fires  
Low, Medium, High Expansion****Composition**

The foam concentrate PROSINTEX A is based on a particular formulation of synergetic surfactants, wetting agents and foam stabilisers, able to give important wetting and cooling effect to class A (wood, tissue, rubber, etc.) fires.

**Principles of operation**

PROSINTEX A extinguishes class A fires, also called dry fires, by triple action :

- Cooling the hearth of fire
- Asphyxiation of fire by engulfing the area and increasing atmosphere's water vapour
- Wetting force by penetration of water in the heart of the combustible

PROSINTEX A is very economical, as it is designed for use at very low concentration. It improves considerably water faculty for extinction of fire.

**Induction ratio**

PROSINTEX A is used at concentrations varying from 0.1 to 1 %, depending on the type of fire and foam equipment.

**Method of application**

PROSINTEX A can be used with all variety of generators : low expansion (1 to 20:1), medium expansion (20:1 to 200:1) and high expansion (200:1 to 1000:1).

### Field of application

PROSINTEX A is mainly developed for protection against fire of :

- structures and buildings
- food and clothing warehouses
- small sized hydrocarbon fires such as car fires
- rubber, plastic, tyres
- paper, carton box, wood, ...
- forest fires

however it can also be used as a retardant or as a wetting agent.

### General characteristics

PROSINTEX is in conformity with all national and international standards, and particularly with European standards EN 1568-1, 2, 3.

PROSINTEX can be used with fresh and sea water.

PROSINTEX properties do not change in case of frost. It recovers its initial properties as soon as it is defrosted.

### Physico-chemical characteristics

- Foam concentrate

Specific gravity at 20°	1.03 ± 0.02 kg/l
pH @ 20° C	6.5 - 7.5
Viscosity @ 20° C	8 ± 5 mm <sub>2</sub> /s
Freezing point	≤ - 5° C
Undissolved solids	≤ 0.1 %

- Foam solution

Low expansion	≥ 8
25 % drainage time	≥ 7 min