

BSX233

Best on:

Class A fires:
Solid fires
(e.g. wood, paper, textiles,
fibers, rubber)

Class B fires:
Hydrocarbon liquid fires
(e.g. oil, fuels, gasoline,
etc.)

1. Scope

BSX 233 is a high-performance liquid fire-fighting agent for class-A and class-B fires approved under number SP 118/10 (MPA).

BSX 233 is an aqueous solution of surfactants designed for use as foaming agents in a portable fire-extinguisher.

BSX 233 is a BIODEGRADABLE preparation.

BSX 233 is a blend of non-Fluorinated and Fluorinated surface tension agents. Fluorinated agents are only "short-chain" and comply with the European text 2006/122/EEC relative to the maximal PFOS content.

2. Applications

BSX 233 is particular adapted for portable extinguishers.

Features

BSX 233 has the capacity to increase the wetting property of water on A class fires.

BSX 233 has the ability to control the gas release from the flammable material. by creating a foam blanket and a floating film on the surface of water-insoluble hydrocarbons. The rapid spread of the film of the foam blanket will quickly inhibit and choke the B class fires.

BSX 233 can be used either in a premix in water or in a separate container.

A and B fire classes are defined in EN 3.8 norm.

Specific needs?
More products?

ASX
BSX 183
BSX 233
BSX MIL
ECO-DARE 323
ECO-DARE 418
ECO-DARE 423

Please contact us.

3. Environmental and Toxicity

BSX 233 is considered as biodegradable material with minimal environmental impact.

Environmental label compatibility	YES Milieukeur
Total Fluor content	0,04 % @ 1,50 %
Biodegradability (according to OECD 302 B)	93 % in 8 days
Eye toxicity (according to OECD 405)	Irritating to eyes*
Skin toxicity (according to OECD 404)	No labelling required*
Zinc content	2 ppm
PFOS (2006/122/EEC: maximum 0,5 g/kg)	67 µg/kg
PFOA	< 30 µg/kg (below limit of detection)

*Contact us for details

Certification number SP 118/10	BSX 233
Milieukeur 2011	
Fluor: < 0,041 % @ 1,50%	
Biodegradability: 93 % in 8 days	
Eye toxicity: Irritating to eyes (as concentrate)**	
Skin toxicity: No labelling required**	
Zinc content: 2 ppm	
PFOS: 67 µg/kg	
PFOA: <30 µg/kg (below limit of detection)	

4. Technical (not for specification purpose)

Fire Class	A & B
Nominal Use Concentration	1 – 2 %
Total Fluor content	0,04 % @ 1,50 %
Minimum use temperature	+ 2 °C
Storage Temperature	-10 °C ÷ 60 °C

Specific Gravity at 20 °C	1.06 @ 1.09 g/ml
Viscosity at 20 °C	12.0 ÷ 16.0 cP
Refraction index	> 1,39
Freezing point (solidification temperature)	- 11 °C
pH at 20 °C	7.0 ÷ 10.0

We reserve the right to improve our products within the tolerances being compliant to approvals without prior notice

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5. Handling and Conditions of use

Please refer to the material safety data sheet for details.

Please refer to norm EN 3.7 about corrosion; material compatibility of the fire-extinguisher with the propellant and the extinguishing agent must first be validated by the manufacturer of fire extinguisher

REACH liability: prior any other use than fire-fighting agent, please contact the manufacturer.

6. Storage

BSX 233 may be stored in its shipping container without change in its original physical or chemical characteristics. Shelf life is expected to be 6 years when stored at recommended temperatures.

It does not show significant sedimentation or precipitation in storage or after temperature cycling.

This product is designed to be suitable for fire extinguishers with sufficient inner plastic coating.

Please check the compatibility when use with other containers.

7. Packaging

☞ 1 085 Kg net weight tank

☞ 200 Kg net weight drum

Important Notice to Purchaser:

All statements, technical information and recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection there within.

NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT, IN CONTRACT OR ON THE BASIS OF STRICT PRODUCT LIABILITY FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF OR THE INABILITY TO USE THE PRODUCT. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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