

FIRE FIGHTING – FLAME RETARDANT SPRAY

Product Code: FRS1, FRS2



This easy-to-apply liquid acts as a fire retardant and is ideal for use on soft furnishings.

- Water based
- Treats natural and synthetic materials
- Passed to BS5852:1990
- Passed to BS5867:Part 2:1980
- Easy to apply
- Colourless
- 2 sizes of container
- 1 litre covers approx 10-15 sq. m

	FRS1	FRS2
Capacity	750ml	5l
Height (mm)	290	280
Width (mm)	108	185
Depth (mm)	65	135
Weight (kg)	0.88	5.48
Approximate Treatment area (sq.m)	7.5 – 11.25	50 - 75
Unit of sale	1	1

MATERIAL SAFETY DATA SHEET

PRODUCT: Flame Retardant Spray

1.IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

1.1 IDENTIFICATION OF THE PREPARATION: FRS1, FRS2

1.2 COMPANY IDENTIFICATION Fire Depot
Sentura House
3 Lands End Way
OAKHAM
Rutland
LE15 6RB

1.4 EMERGENCY TELEPHONE: 01752 770478

2.COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	CAS – No	Content	Classification
ANTIBLAZE FSD			30 – 60%	Xi;R41.

3.HAZARDS IDENTIFICATION

The full test for all R-Phrases are Displayed in Section 16.

4.FIRST AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Place unconscious person on the side in the recovery positions and ensure breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

INGESTION

Rinse mouth thoroughly with water and give large amounts of milk and water to people not unconscious. DO NOT induce vomiting. Get medical attention immediately. When risk of unconsciousness, place and transport the victim in secured side position.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rise for at least 15 minutes and seek medical attention.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritant persists: seek medical attention and bring along the se instruction.

5.FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

SPECIFIC HAZARDS

By heating and fire, toxic vapours/gases may be found.

PROTECTIVE MEASURES IN FIRE

Self contaminated breathing apparatus and full protective clothing must be worn in case of fire.

6.ACCIDENTIAL RELEASE MEASURES

PERSONAL PRECAUTIONS



Wear protective clothing as described in Section 3 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Turn leaking containers leak-side up to prevent the escape of liquid.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers and watercourses.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours/spray and contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROCESS CONDITIONS	Provide eyewash station.
ENGINEERING MEASURES	Provide adequate ventilation.
RESPIRATORY EQUIPMENT	In case of inadequate ventilation use suitable respirator.
HAND PROTECTION	Use protective gloves.
EYE PROTECTION	Wear approved safety goggles.
HYGIENE MEASURES	Wash at the end of each work shift and before eating, smoking and using toilet.
PERSONAL PROTECTION	When using do not smoke.
SKIN PROTECTION	Wear apron or protective clothing in case of contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Almost colourless

SOLUBLITY	Soluble in water
RELATIVE DENSITY	1.115

10.STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions and recommended use.
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CONDITIONS TO AVOID	Avoid heat.
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MATERIALS TO AVOID	Strong oxidising substances. Strong acids.
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HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapours.

11.TOXICOLOGICAL INFORMATION

INHALATION	Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.
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INGESTION	Non harmful effects expected in amounts likely to be ingested by accident.
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SKIN CONTACT	Slightly irritating. Repeated exposure may cause skin dryness and cracking.
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EYE CONTACT	Risk of corneal damage. Risk of serious damage to eyes.
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12.ECOLOGICAL INFORMATION

MOBILITY	This product is soluble in water.
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BIOACCUMULATION	This product is not bio-accumulating.
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DEGRADABILITY	The product is biodegradable.
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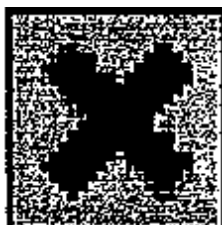
13.DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Dispose of water and residues in accordance with local authority requirements.
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14.TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RII).

15.REGULATORY INFORMATION**LABELLING****Irritant**

RISK PHRASES	R41	Risk of serious damage to eyes.
SAFETY PHRASES	S25	Avoid contact with eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S39	Wear eye/face protection.
	S60	This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. System of specific information relating to Dangerous Preparations . 2001/58/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The chemicals (Hazard Information Packaging Supply) Regulations 2002. No. 1689.

16.OTHER INFORMATION

SDS NO.	10064	
SAFETY DATA SHEET STATUS	Approved.	
DATE	16.10.2006	
RISK PHRASES IN FULL	R41	Risk of serious damage to eyes.