

PENTSPRAY SF



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME Recommended use MANUFACTURER Address Phone n° Fax n° E-mail	PENTSPRAY SF Additive for extinguishers 3FFF LIMITED Unit B, 18 Brunel Road, Earlstree Industrial Estate, Corby, Northants, NN17 4JW, UNITED KINGDOM +44(0)1536 202919 or EMERGENCY N°+44 (0)7801 850011 +44(0)1536 263641 sales@3fff.co.uk
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2. HAZARDS IDENTIFICATION

CLASSIFICATION / REGULATION Physical Hazards Health Hazards Environment Hazards LABEL ELEMENTS Symbols Danger Precaution	EC 1272/2008 (CLP/GHS) / / / / / / P264 Wash your hands thoroughly after handling P280 Wear protective clothing and gloves, eye or face protection
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3. COMPOSITION AND INFORMATION ON INGREDIENTS

Characteristics Hazardous components	Mixture: aqueous solution of ammonium phosphate /
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4. FIRST AID MEASURES


Skin contact Eye contact Swallowing Inhalation	Wash off with water. Remove contaminated soaked clothing and rinse with water Flush eye with plenty of water for at least 10 minutes maintaining open eyelids Wash mouth with water. Seek medical advice If there are any signs of nausea or sickness, seek medical advice
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5. FIRE FIGHTING MEASURES

Extinguishing media Specific risks	Not flammable Aqueous solution: does not present specific risk in the case of fire
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions Environmental protection CLEANING MEASURES <ul style="list-style-type: none">CollectingCleaningDisposal	Wear impervious clothes, protective gloves and goggles / face protection  Absorb onto sand or other absorbent material and shovel into container for disposal Pump into clearly identified unbreakable containers Wash thoroughly with water Incineration according to local regulations
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7. HANDLING AND STORAGE

HANDLING	Require protective equipment (see section 8)
STORAGE	Storage area should contain accidental spill Sealed containers in normal cool warehouse Product in bulk: stainless steel, polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP
<ul style="list-style-type: none">• Technical measures• Storage conditions• Storage recommendations	
PACKAGING MATERIALS	Polyethylene, Polypropylene, stainless steel
<ul style="list-style-type: none">• Recommended• Not advised• Recommended sealing	Mild steel, iron Viton, Kevlar, Teflon

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	Impermeable gloves (PVC) if continual handling Goggles and/or face protection Protective clothing	  
<ul style="list-style-type: none">• Hand protection• Eye protection• Body protection		
HYGIENIC MEASURES	Eye washing solution and washer eye cup DO NOT eat, drink or smoke while handling the product Clean hands after working with any chemical products	 

9. PHYSICAL AND CHEMICAL PROPERTIES

<ul style="list-style-type: none">• Physical form• Colour / Odour• pH at 20°C• Freezing point• Boiling point• Flammability / oxidising / explosive properties• Specific gravity at 20°C• Solubility	Liquid Light orange / Faint ammonia smell 8.0 +/- 1.0 -14°C +105°C None 1210 +/- 20 Kg/m ³ Completely soluble in water
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10. STABILITY AND REACTIVITY

Thermal decomposition	Stable under normal conditions of use and storage
Hazardous reactions	Avoid contact with strong oxidising acids. This can generate ammonia

11. TOXICOLOGICAL DATA

Acute toxicity	Not classified as toxic if swallowed
Local effects on the eye and skin	Not irritating to eyes and skin at recommended concentration of use



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12. ECOLOGICAL DATA

ENVIRONMENTAL BEHAVIOUR <ul style="list-style-type: none">• Biodegradation data• Biodegradation rate• Persistency• Bio accumulative• PBT and vPvB assessment	COD = 44 g O ₂ /l BOD ₅ = 2 g O ₂ /l PENTSPRAY SF is not readily biodegradable PENTSPRAY SF is free of persistent components PENTSPRAY SF is free of bio accumulative components Not classified PBT or vPvB
ECOTOXICITY <ul style="list-style-type: none">• Aquatic life toxicity	Not available

13. DISPOSAL CONDITIONS

PRODUCT <ul style="list-style-type: none">• Prohibition• Disposal	Do not discharge in the environment Small amounts of product do not interfere with water treatment facilities If released in sewage system accidentally, it is recommended to control a slow flow rate in order to avoid any excess foaming
PACKAGING <ul style="list-style-type: none">• Prohibition• Cleaning• Disposal	Do not discharge in the environment Rinse with plenty of water Incineration or an agreed method for package recycling

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS <ul style="list-style-type: none">• Road - RID/ADR• Sea - OMI/MDG• Air - ICAO/IATA	Non hazardous Non hazardous Non hazardous
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15. REGULATORY INFORMATION

Safety, human health and environmental regulations related to the product	Regulation EC 440/2008 on chemicals Directive 2008/98/EC on waste management Government Regulation 361/2007 for health protection at work Regulation EC 1907/2006 on REACH registration Regulation EC 1272/2008 on classification and labelling of chemicals
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16. OTHER INFORMATION

Rules of drafting Relevant Symbols Relevant H Statements Relevant P statements	This Safety Data Sheet complies with European Regulation EC 1272/2008 (CLP/GHS) / / P264. P280.
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