



# PENTSPRAY



## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>TRADE NAME</b> Recommended use	<b>PENTSPRAY</b> Additive for extinguishers
<b>MANUFACTURER</b> Address	<b>3FFF LIMITED</b> Unit B, 18 Brunel Road, Earlstree Industrial Estate, Corby, Northants, NN17 4JW, UNITED KINGDOM
Phone n°	+44(0)1536 202919 or EMERGENCY N°+44 (0)7801 850011
Fax n°	+44(0)1536 263641
E-mail	<a href="mailto:sales@3fff.co.uk">sales@3fff.co.uk</a>

### 2. HAZARDS AND IDENTIFICATION

Health Hazards • Main symptoms	May cause mild irritation to eyes Tingling feeling
Physical and chemical hazards • Fire or explosion	Not flammable /
Specific risks	This product is not classified hazardous under European directive 1999/45/EC

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Characteristics	Aqueous solution of ammonium phosphate
Hazardous components	EthyleneDiAmine Tetracetate TetraSodium ( EDTA, Na4 ) .....[< 1%] Xi ; R36 / CAS N° : 64-02-8 / EINECS 200-573-9 IsoOctyl Amino Carboxylate, sodium salt.....[1 - 5%] Xi; R38/41

### 4. FIRST AID MEASURES

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

### 5. FIRE FIGHTING MEASURES

Extinguishing media	Fire fighting foam concentrate not flammable
Specific risks	Aqueous solution: does not present specific risk in the case of fire

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear impervious clothes, gloves and goggles
Environmental protection	Absorb onto sand or other absorbent material and shovel into container for disposal
<b>CLEANING MEASURES</b> • Collecting • Cleaning • Disposal	Pump into clearly identified unbreakable containers Wash thoroughly with water Incineration according to local regulations



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V.A.T. Registration No: 938 9418 70 • Registered in England: 06236589

No: FM 560021

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### 7. HANDLING AND STORAGE

<p><b>HANDLING</b></p> <p><b>STORAGE</b></p> <ul style="list-style-type: none"> <li>• Technical measures</li> <li>• Storage conditions</li> <li>• Storage recommendations</li> </ul> <p><b>PACKAGING MATERIALS</b></p> <ul style="list-style-type: none"> <li>• Recommended</li> <li>• Not advised</li> <li>• Recommended sealing</li> </ul>	<p>Does not require specific technical equipment</p> <p>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</p> <p>Polyethylene, Polypropylene, stainless steel Mild steel, iron Viton, Kevlar, Teflon</p>
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### 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<p><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>• Hand protection</li> <li>• Eye protection</li> <li>• Body protection</li> </ul> <p><b>HYGIENIC MEASURES</b></p>	<p>Impermeable gloves (PVC) if continual handling Goggles Working clothes 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</p>
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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<ul style="list-style-type: none"> <li>• Physical form</li> <li>• Colour / Odour</li> <li>• pH at 20°C</li> <li>• Freezing point</li> <li>• Boiling point</li> <li>• Flammability / oxidising / explosive properties</li> <li>• Specific gravity at 20°C</li> <li>• Solubility</li> </ul>	<p>Liquid Light orange / Faint ammonia smell 8.0 +/- 1.0 -14<sup>0</sup>C +105<sup>0</sup>C None 1210 +/- 20 Kg/m<sup>3</sup> Completely soluble in water</p>
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### 10. STABILITY AND REACTIVITY

<p>Thermal decomposition Hazardous reactions</p>	<p>Stable under normal conditions of use and storage Avoid contact with strong oxidising acids. This can generate ammonia</p>
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### 11. TOXICOLOGICAL DATA

<p>Acute toxicity Local effects on the eye and skin</p>	<p>Not classified as toxic if swallowed Not irritating to eyes and skin at the recommended concentration of use</p>
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### 12. ECOLOGICAL DATA

<b>ENVIRONMENTAL BEHAVIOUR</b> <ul style="list-style-type: none"> <li>• Biodegradation data</li> </ul>	COD = 44 g O <sub>2</sub> / l BOD <sub>5</sub> = 2 g O <sub>2</sub> / l < 5% after 5 days PENTSPRAY is not readily biodegradable: it contains strong inhibitors which prevent an easy degradation before dilution
<b>ECOTOXICITY</b> <ul style="list-style-type: none"> <li>• Aquatic life toxicity</li> </ul>	Not expected to be toxic after dilution

### 13. DISPOSAL CONDITIONS

<b>PRODUCT</b> <ul style="list-style-type: none"> <li>• Prohibition</li> <li>• Disposal</li> </ul>	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
<b>PACKAGING</b> <ul style="list-style-type: none"> <li>• Prohibition</li> <li>• Cleaning</li> <li>• Disposal</li> </ul>	Do not discharge in the environment Rinse with plenty of water Incineration or an agreed method for package recycling

### 14. TRANSPORT INFORMATION

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

<b>LABELLING</b> <ul style="list-style-type: none"> <li>• CE regulations</li> <li>• Hazard symbol</li> <li>• S phrases</li> </ul>	Not classified / S20/21: When using do not eat, drink or smoke S25: Avoid contact with eyes
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### 16. OTHER INFORMATION

Rules of drafting R Phrases as mentioned in section 3	This Safety Data Sheet complies with European directive 1907/2006EC Article 31 R36/38 Irritating to eyes and skin R41: Risk of serious damage to eyes
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