



FREEDEX SF5

SAFETY DATA SHEET



1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME Recommended use	FREEDEX SF5 Fire Fighting Additive for Extinguishers
MANUFACTURER Address	3FFF LIMITED 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	sales@3fff.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION / REGULATION	EC 1272/2008 (CLP/GHS)
Physical Hazards	/
Health Hazards	/
Environment Hazards	/
LABEL ELEMENTS	
Symbols	/
Danger	/
Precaution	P280 Wear safety clothes, gloves and goggles P305+P351+P338 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing P337 +P313 If eye irritation persists, get medical attention

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Characteristics	Mixture: Aqueous solution of surfactants
Hazardous components	AlkylSulfate.....[< 1%] CAS # 85338-42-7 Skin Irritant 2; Eye Damage 1 H315. H318

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	Firefighting Additive: 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, goggles and safety shoes
Environmental protection	Absorb onto sand or other absorbent material and shovel into container for disposal
CLEANING MEASURES	
<ul style="list-style-type: none"> ● 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

V1.1 Revised JULY 2020
Printing date: 22/07/2020
Page 1 of 3

www.3fff.co.uk

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7. HANDLING AND STORAGE

HANDLING	Require protective equipment (see section 8)
STORAGE <ul style="list-style-type: none">• Technical measures• Storage conditions• Storage recommendations	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
PACKAGING MATERIALS <ul style="list-style-type: none">• Recommended• Not advised• Recommended sealing	Polyethylene, Polypropylene, stainless steel Mild steel, iron Viton, Kevlar, Teflon

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT <ul style="list-style-type: none">• Hand protection• Eye protection• Body protection	Impermeable gloves (PVC) if continual handling Goggles Working clothes, safety shoes	  
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 Yellow / Synthetic smell 7.0 +/- 1.0 -3°C +100°C None 1000 +/- 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	None expected in standard use

11. TOXICOLOGICAL DATA

Acute toxicity	Not classified as toxic if swallowed
Local effects on the eye and skin	Not irritating to eyes and skin

12. ECOLOGICAL DATA

ENVIRONMENTAL BEHAVIOUR <ul style="list-style-type: none">• Biodegradation data• Biodegradation rate• Persistency• Bio accumulative• PBT and vPvB assessment	Not available FREEDEX SF5 is expected to be readily biodegradable FREEDEX SF5 is free of persistent components FREEDEX SF5 is free of bio accumulative components Not classified PBT or vPvB
ECOTOXICITY <ul style="list-style-type: none">• Toxicity data• Aquatic life toxicity	Not available Not expected to be toxic after dilution



No: FM 560021

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Page 2 of 3

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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) / / P280. P305+P351+P338. P337+P313
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Page 3 of 3

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