

FATSEAL



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME Recommended use MANUFACTURER Address Phone n° Fax n° E-mail	FATSEAL Fire Fighting Foam Concentrate 3FFF LIMITED 85B 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 AND IDENTIFICATION

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

Characteristics Hazardous components	Aqueous solution of surfactants ButylDiGlycol Ether (ButylCarbitol)[5 - 10%] Xi ; R36 / CAS N° : 112-34-5 / EINECS 203-961-6 AlkylSulfate.....[1 - 5%] Xi; R36/38 Fluorosurfactants.....[1 - 5%] F; R10
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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	Fire fighting foam concentrate 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 • Collecting • Cleaning • Disposal	Wear impervious clothes, gloves and goggles 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	Does not require specific technical equipment
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
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 red / Synthetic smell 8.0 +/- 1.0 -15°C +100°C None 1040 +/- 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 at the recommended concentration of use



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12. ECOLOGICAL DATA

ENVIRONMENTAL BEHAVIOUR <ul style="list-style-type: none">• Biodegradation data• Biodegradation rate• Bio accumulative ECOTOXICITY <ul style="list-style-type: none">• Aquatic life toxicity	COD = not available BOD ₅ = not available FATSEAL is readily biodegradable; foaming agent if discharged in water PerFluoroCompounds –PFCs- are persistent in the environment PFCs are suspected to bio accumulate in living beings Not expected to be toxic after dilution
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13. DISPOSAL CONDITIONS

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

LABELLING <ul style="list-style-type: none">• CE regulations• Hazard symbol• S phrases	Not classified / S20/21: When using do not eat, drink or smoke
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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 R10: Flammable
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