

FATSEAL

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME FATSEAL

Additive for extinguishers Recommended use

MANUFACTURER **3FFF LIMITED**

Address Unit B, 18 Brunel Road, Earlstree Industrial Estate, Corby, Northants,

NN17 4JW, UNITED KINGDOM

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2. HAZARDS IDENTIFICATION

Phone n°

CLASSIFICATION / REGULATION EC 1272/2008 (CLP/GHS)

Physical Hazards Health Hazards Eye damage 2 - H319

Environment Hazards LABEL ELEMENTS

Symbols **GHS07 ATTENTION**

Danger H319 Causes serious eye irritation

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	AlkylEtherSulfate[1 – 5%]
·	CAS # 85338-42-7
	Skin Irritant 2; Eye Damage 1
	H315. H318
	P280. P302+P352. P305+P351+P338. P310. P332+P313
	ButylDiGlycol Ether (ButylCarbitol)[5 – 10%]
	CAS # 112-34-5
	Eye Damage 2
	11340

H319

P305+P351+P338

Fluorosurfactant.....[1 - 5%]

4. FIRST AID MEASURES

ſ	Skin contact	Wash off with water. Remove contaminated soaked clothing and rinse with water	r
	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 foam concentrate: not flammable
Specific risks	Aqueous solution: does not present specific risk in the case of fire



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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	
Collecting	Pump into clearly identified unbreakable containers
Cleaning	Wash thoroughly with water
• Disposal	Incineration according to local regulations

7. HANDLING AND STORAGE

HANDLING	Require protective equipment (see section 8)
STORAGE	
 Technical measures 	Storage area should contain accidental spill
 Storage conditions 	Sealed containers in normal cool warehouse
 Storage recommendations 	Product in bulk: stainless steel, polyester or mild steel protected with epoxy or
	polyurethane coating. Tanks in PE, PP
PACKAGING MATERIALS	
 Recommended 	Polyethylene, Polypropylene, stainless steel
Not advised	Mild steel, iron
 Recommended sealing 	Viton, Kevlar, Teflon

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	Impermeable gloves (PVC) if continual handling Goggles Working clothes, safety shoes 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

•	Physical form	Liquid
•	Colour / Odour	Yellow / Synthetic smell
•	pH at 20°C	8.0 +/- 1.0
•	Freezing point	-15°C
•	Boiling point	+100°C
•	Flammability / oxidising / explosive	None
	properties	
•	Specific gravity at 20°C	1040 +/- 20 Kg/m ³
•	Solubility	Completely soluble in water

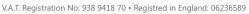
10. STABILITY AND REACTIVITY

Thermal decomposition	Stable under normal conditions of use and storage
Hazardous reactions	None expected in standard use



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11. TOXICOLOGICAL DATA

Acute toxicity	Not classified as toxic if swallowed
Local effects on the eye and skin	Eye Irritant 2 May cause eye irritation (pure)
	Not irritating to eyes and skin at recommended concentration of use up to 50%

12. ECOLOGICAL DATA

ENVIRO	NMENTAL BEHAVIOUR	
•	Biodegradation data	COD not available
		BOD₅ not available
•	Biodegradation rate	FATSEAL is readily biodegradable
•	Persistency	PerFluoroCoumpounds – PFCs - are persistent in the environment
•	Bio accumulative	PFCs are suspected to bio accumulate in living beings
•	PBT and vPvB assessment	Classification pending for POP
ECOTOX	KICITY	
•	Toxicity data	Not available
•	Aquatic life toxicity	Not expected to be toxic after dilution

13. DISPOSAL CONDITIONS

PRODU	СТ	
•	Prohibition	Do not discharge in the environment
•	Disposal	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
PACKAG	GING	
•	Prohibition	Do not discharge in the environment
•	Cleaning	Rinse with plenty of water
•	Disposal	Incineration or an agreed method for package recycling

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS	
Road - RID/ADR	Non hazardous
Sea - OMI/MDG	Non hazardous
Air - ICAO/IATA	Non hazardous

15. REGULATORY INFORMATION

Safety, human health and environmental	Regulation EC 440/2008 on chemicals
regulations related to the product	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

16. OTHER INFORMATION

Rules of drafting	This Safety Data Sheet complies with European Regulation EC 1272/2008 (CLP/GHS)
Relevant Symbols	GHS07 ATTENTION
Relevant H Statements	H319
Relevant P statements	P280. P305+P351+P338. P337+P313



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