



Wet Chemical Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	FATSEAL
RECOMMENDED USE	Fire Fighting Foam Concentrate
MANUFACTURER	3 FFF Limited
ADDRESS	Unit B, 18 Brunel Road, Earlstree Industrial Estate, Corby, Northants, NN17 4JW, United Kingdom
TELEPHONE / EMAIL	+44(0) 1536 202 919 / sales@3fff.co.uk

2. HAZARDS AND IDENTIFICATION

HEALTH HAZARDS	May cause mild irritation to eyes
MAIN SYMPTOMS	Tingling feeling
PHYSICAL AND CHECMIAL HAZARDS	Not flammable
SPECIFIC RISKS	This product is not classified as hazardous under European directive 1999/45/EC

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISATION	Aqueous Solution of Surfactants
HAZARDOUS COMPONENTS	ButylDiGlycol Ether (ButylCarbitol)..... [5-10%] Xi ; R36 / CAS No : 112-34-5 / EINECS 203-961-6 AlkylSulfate..... [1-5%] Xi ; R36/38 Fluorosurfactant.....[1-5%] F ; R10

4. FIRST AID MEASURES

AFTER SKIN CONTACT	Wash off with water. Remove contaminated or soaked clothing and rinse with water
AFTER EYE CONTACT	Flush eye with plenty of water for at least 10 minutes, maintaining open eyelids
AFTER SWALLOWING	Wash mouth with water. Seek medical advice
AFTER INHALTION	If there are any signs or nausea or sickness, seek medical advice

5. FIRE FIGHTING MEASURES	
EXTINGUISHING MEDIA	Not flammable. Fire fighting foam concentrate
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 into sand or other absorbent material and shovel into suitable 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	Standard equipment against chemicals
STORAGE	
TECHNICAL MEASURES	Storage area should contain accidental spill equipment
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 MATERIAL	
RECOMMENDED	Polyethylene, Polypropylene, Stainless Steel
NOT ADVISED	Mild Steel, Iron
RECOMMENDED SEALING	Viton, Kevlar, Teflon
8. EXPOSURE CONTROL AND PERSONAL PROTECTION	
PERSONAL PROTECTIVE EQUIPMENT	
HAND PROTECTION	Impermeable gloves (PVC) if continual handling
EYE PROTECTION	Goggles
BODY PROTECTION	Working clothes
HYGIENIC MEASURES	<p>Eye washing solution and washer eye cup</p> <p>Do not eat, drink or smoke while handling the product</p> <p>Wash hands after working with any chemical products</p>

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Liquid
COLOUR / ODOUR	Light orange / Synthetic smell
PH	8.0 +/- 1.0
FREEZING POINT	-15°C
BOILING POINT	+100°C
FLAMMABILITY / OXIDISING / EXPLOSIVE PROPERTIES	None
SPECIFIC GRAVITY AT 20°C	1040 +/- 20kg / 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

11. TOXICOLOGICAL DATA

ACUTE TOXICITY	Not classified as toxic if swallowed
LOCAL EFFECTS ON EYES AND SKIN	Irritating to the eyes and skin (pure). Not irritant at the recommended concentration of use

12. ECOLOGICAL DATA

BIODEGREDDATION DATA	COD not available BOD ₅ not available
BIODEGREDDATION RATE	FATSEAL is readily biodegradable PerFlouroCompounds - PFCs - are persistent in the environment
BIO ACCUMULATIVE	PFCs are suspected to bio accumulate in living beings
ECOTOXICITY	
AQUATIC LIFE TOXICITY	Not expected to be toxic after dilution

13. DISPOSAL CONDITIONS

PACKAGING	
PROHIBITION	Do not discharge into the environment
CLEANING	Rinse with plenty of water
DISPOSAL	Incineration or an agreed method for package recycling

13. DISPOSAL CONDITIONS CONTINUED

PRODUCT	
PROHIBITION	Do not discharge into 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 rate in order to avoid any excess foaming.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS	
ROAD - RID/ADR	Non Hazardous
SEA - OMI/MDG	Non Hazardous
AIR - ICAO/IATA	Non Hazardous

15. REGULATORY INFORMATION

LABELLING	
CE REGULATIONS	Not classified
HAZARD SYMBOL	Not applicable
S PHRASES	S 20/21 When using do not eat, drink or smoke

16. OTHER INFORMATION

RULES OF DRAFTING	This Safety Data Sheet complies with the European directive 1907/2006EC Article 31
R PHRASES AS MENTIONED IN SECTION 3	R10 Flammable R36/38 Irritating to eyes and skin

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