

## 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

<b>5. FIRE FIGHTING MEASURES</b>	
EXTINGUISHING MEDIA	Not flammable. Fire fighting foam concentrate
SPECIFIC RISKS	Aqueous solution: does not present specific risk in the case of fire
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
PERSONAL PRECAUTIONS	Wear impervious clothes, gloves and goggles
ENVIRONMENTAL PROTECTION	Absorb into sand or other absorbent material and shovel into suitable container for disposal
<b>CLEANING MEASURES</b>	
COLLECTING	Pump into clearly identified unbreakable containers
CLEANING	Wash thoroughly with water
DISPOSAL	Incineration according to local regulations
<b>7. HANDLING AND STORAGE</b>	
HANDLING	Standard equipment against chemicals
<b>STORAGE</b>	
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
<b>PACKAGING MATERIAL</b>	
RECOMMENDED	Polyethylene, Polypropylene, Stainless Steel
NOT ADVISED	Mild Steel, Iron
RECOMMENDED SEALING	Viton, Kevlar, Teflon
<b>8. EXPOSURE CONTROL AND PERSONAL PROTECTION</b>	
<b>PERSONAL PROTECTIVE EQUIPMENT</b>	
HAND PROTECTION	Impermeable gloves (PVC) if continual handling
EYE PROTECTION	Goggles
BODY PROTECTION	Working clothes
<b>HYGIENIC MEASURES</b>	
	Eye washing solution and washer eye cup Do not eat, drink or smoke while handling the product Wash hands after working with any chemical products

## 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 <sup>3</sup>
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

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

## 13. DISPOSAL CONDITIONS

<b>PACKAGING</b>	
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	<b>S 20/21</b> 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	<b>R10</b> Flammable  <b>R36/38</b> Irritating to eyes and skin

# UltraFire

 [www.ultra-fire.co.uk](http://www.ultra-fire.co.uk)

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