



# SAFETY DATA SHEET

## Fatseal 50% ENG

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Trade name** Fatseal 50% ENG  
**Article type** Fire Fighting Additive for extinguishers  
**Supplier** Presto  
**Street address** Värmbolsvägen 2  
Box 315  
Box 315  
641 23 Katrineholm  
Sverige  
**Telephone** 0150-76000  
**Fax** 0150-76030  
**Manufacturer** ABC MacIntosh Limited  
**Street address** Unit C, Marconi Courtyard, Brunei Road  
NN17 4LT Corby, Northants  
England  
**Telephone** +44 845 077 9946

### 2. HAZARDOUS PROPERTIES

**Information about dangerous properties** Health hazards: Slightly irritating to eyes.  
Physical and chemical hazards: Not flammable.  
Specific risks: This product is not classified hazardous under European directive 1999/45/EC.  
**Safety phrases** S20/21 - When using, do not eat, drink or smoke.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS no	EC-No.	Concentration	Danger symbols	R -phrase(s)	List
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	112-34-5	203-961-6	<1%	-	-	-
<b>Substance additional information</b>	Alkyl Sulfate: 0-1% Xi R36/38 Fluoro Surfactant: 0-1% F R10					

### 4. FIRST AID MEASURES

**First aid in case of ingestion** Wash mouth with water. Seek medical advice should pain occur and persist.  
**First aid in case of skin contact** Wash off with water. Remove contaminated soaked clothing and rinse with water.  
**First aid in case of eye contact** Flush eye with plenty of water for at least 10 minutes.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Not applicable. Fire fighting foam concentrate.  
**Special protective equipment for fire-fighters** Standard equipment against fires.

### 6. ACCIDENTAL RELEASE MEASURES

- Decontamination instruction** Absorb onto sand or other absorbent material and shovel into container for disposal.  
 Collecting: Pump into clearly identified unbreakable containers.  
 Cleaning: Wash thoroughly with water.  
 Disposal: Incineration according to local regulations.
- Personal precautions** Wear gloves and goggles.

### 7. HANDLING AND STORAGE

- Handling** Standard equipment against chemicals.
- 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.
- Suitable packaging material** Recommended: Polyethylene, Polypropylene, stainless steel.  
 Recommended sealing: Viton, Kevlar, Teflon.
- Unsuitable packaging material** Not advised: Mild steel, iron, aluminium, copper and its alloys.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits	CAS-No.	EC-No.	Exposure Limit Values ppm / mg/m <sup>3</sup>		Ceiling Limit Value ppm / mg/m <sup>3</sup>		Short term exposure limit ppm / mg/m <sup>3</sup>		Country
	112-34-5	-	15	100	-	-	30	200	SE

- Safety gloves** Impermeable gloves (PVC) if continual handling.
- Protective clothing** Working clothes.
- Additional information** Hygienic measures: DO NOT eat, drink or smoke while handling the product.  
 Clean hands after working.
- Protective glasses** Goggles.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Solubility** Completely soluble in water
- Form** Liquid
- Colour** Yellow
- Odour** Synthetic
- pH** 8,0 +/- 1,0
- Boiling point/range** + 100°C
- Additional information** Freezing point: -5°C  
 Flammability/oxidising/explosive properties: None.  
 Specific gravity at 20°C: 1030 +/- 20 kg/m<sup>3</sup>

### 10. STABILITY AND REACTIVITY

- Hazardous decomposition products** Thermal decomposition: Stable under normal conditions of use and storage  
 None expected in standard use.



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**Additional information** Hazardous reactions: None expected in standard use.

### 11. TOXICOLOGICAL INFORMATION

**Toxicity in case of skin contact** Not irritant at the recommended concentration of use.

**Toxicity in case of eye contact** Not irritant at the recommended concentration of use.

**Acute effects** None to be expected.

### 12. ECOLOGICAL INFORMATION

**Biological decay** Biodegradation data (10% volume): COD/BOD not available. Biodegradation rate: FATSEAL is expected to be readily biodegradable.

**Bioaccumulation** PerFluorinated Organic Compounds persist in environment. PFCs are suspected to bio accumulate in living beings.

**Additional instructions** Aquatic life toxicity: Not expected to be toxic after dilution.

### 13. WASTE MANAGEMENT

**Waste management** PRODUCT:  
Prohibition: Do not discharge in the environment.  
Disposal: Small amounts of product do not interfere with water treatment facilities. If released in sewage system, it is recommended to control the flow rate in order to avoid any foaming excess. Big quantities should be treated as chemical waste according to local regulations.

PACKAGING  
Prohibition  
Cleaning  
Disposal

**Additional waste information** PACKAGING  
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

**Additional transport information** The product is not classified as dangerous goods.

**Dangerous goods** No

### 15. REGULATIONS

**Mothercare** No

**Childcare** No

**Additional existing regulations** The product is not classified as hazardous.



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**16. OTHER INFORMATION**

**Additional information** The MSDS is inserted to iChemistry 26 February 2009 from the original 8 December 2008.