



# SAFETY DATA SHEET

6% AFFF ABERDEEN FOAM

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Compilation date: 12/06/2013

Revision No: 1

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** 6% AFFF ABERDEEN FOAM

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance / mixture:** An International performance accredited Aqueous Film Forming Foam (AFFF) concentrate. Formulated for fast fire knockdown and extinguishment. Designed for application on hydrocarbon fuels using either fresh or salt water. Shelf life greater than 20 years when stored as recommended. Annual performance testing recommended.  
PC20: Products such as ph-regulators, flocculants, precipitants, neutralization agents.

### 1.3. Details of the supplier of the safety data sheet

**Company name:** Oil Technics Limited  
Linton Business Park  
Gourdon  
Aberdeenshire  
Scotland, UK  
DD10 0NH

**Tel:** +44 (0) 1561 361515

**Fax:** +44 (0) 1561 361001

**Email:** info@oiltechnics.com

### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1561 361515

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP:** This product has no classification under CHIP.

### 2.2. Label elements

**Label elements:** This product has no label elements.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

[cont...]

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## Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

| EINECS    | CAS      | CHIP Classification | CLP Classification                      | Percent |
|-----------|----------|---------------------|---|---------|
| 203-489-0 | 107-41-5 | Xi: R36/38          | Eye Irrit. 2: H319; Skin Irrit. 2: H315 | 1-10%   |

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

[cont...]

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## 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb using suitable material- eg Magic Sorb, Absorbant pads etc. Go to <http://www.oiltechnics.co.uk/Absorbents/index.html> for further information. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

2-METHYLPENTANE-2,4-DIOL

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA            |                       | 15 min. STEL |              |
|-------|-----------------------|-----------------------|--------------|--------------|
|       | 8 hour TWA            | 15 min. STEL          | 8 hour TWA   | 15 min. STEL |
| UK    | 123 mg/m <sup>3</sup> | 123 mg/m <sup>3</sup> | -            | -            |

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Barely perceptible odour

[cont...]

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**Evaporation rate:** Slow  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Highly soluble  
**Viscosity:** Non-viscous  
**Kinematic viscosity:** 1-3 mPa.s  
**Boiling point/range °C:** >35  
**Relative density:** 1.005  
**Flash point °C:** >93  
**pH:** Approx. 8

## 9.2. Other information

**Other information:** Freeze point < -5 C.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### 2-METHYLPENTANE-2,4-DIOL

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IPR | RAT | LDLO | 1500 | mg/kg |
| ORL | MUS | LD50 | 3097 | mg/kg |
| ORL | RAT | LD50 | 3700 | mg/kg |

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

[cont...]



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**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Delayed / Immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Phrases used in s.2 and 3:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
R36/38: Irritating to eyes and skin.

[cont...]

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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.