

## SAFETY DATA SHEET

HALFORDS - OAT ANTIFREEZE AND COOLANT: READY MIXED

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

#### 1.1. Product identifier

**Product name:** HALFORDS - OAT ANTIFREEZE AND COOLANT: READY MIXED

**Product code:** 233536, 530840

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

**Use of substance / mixture:** Antifreeze or Coolant.

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

**Company name:** Comma Oil & Chemicals Ltd.

Dering Way

Gravesend

Kent

DA12 2QX

**Tel:** +44 01474 564311

**Fax:** +44 01474 333000

**Email:** sales@commaoil.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 01474 564311

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CHIP:** Xn: R22

**Classification under CLP:** Acute Tox. 4: H302; STOT RE 2: H373

**Most important adverse effects:** Harmful if swallowed.

#### 2.2. Label elements

##### Label elements under CLP:

**Hazard statements:** H302: Harmful if swallowed.

H373: May cause damage to organs [kidneys] through prolonged or repeated exposure [oral].

**Signal words:** Warning

**Hazard pictograms:** GHS08: Health hazard

GHS07: Exclamation mark



**Precautionary statements:** P102: Keep out of reach of children.

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P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P330: Rinse mouth.

P501: Dispose of contents to hazardous or special waste collection point.

## Label elements under CHIP:

**Hazard symbols:** Harmful.



**Risk phrases:** R22: Harmful if swallowed.

**Safety phrases:** S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

MONO ETHYLENE GLYCOL - REACH registered number(s): 01-2119456816-28

| EINECS    | CAS      | CHIP Classification | CLP Classification                  | Percent |
|-----------|----------|---------------------|-------------------------------------|---------|
| 203-473-3 | 107-21-1 | Xn: R22             | Acute Tox. 4: H302; STOT RE 2: H373 | 50-70%  |

2-ETHYLHEXANOIC ACID

|           |          |         |                |       |
|-----------|----------|---------|----------------|-------|
| 205-743-6 | 149-57-5 | Xn: R63 | Repr. 2: H361d | 1-10% |
|-----------|----------|---------|----------------|-------|

**Contains:** Hazardous ingredients present at or above regulatory disclosure limits.

## 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. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. 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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

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**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

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

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

**Clean-up procedures:** Absorb into dry earth or sand. 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 the formation or spread of mists in the air. Avoid direct contact with the substance.

### 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 special requirement.

[cont...]

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## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**MONO ETHYLENE GLYCOL**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA           | 15 min. STEL          | 8 hour TWA | 15 min. STEL |
|-------|----------------------|-----------------------|------------|--------------|
| EU    | 52 mg/m <sup>3</sup> | 104 mg/m <sup>3</sup> | -          | -            |

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

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

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Red

**Odour:** Perceptible odour

**Evaporation rate:** Negligible

**Solubility in water:** Soluble

**Relative density:** 1.068 @ 20 C

### 9.2. Other information

**Other information:** No data available.

## 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.

[cont...]

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## 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:**

#### MONO ETHYLENE GLYCOL

|      |     |      |      |       |
|------|-----|------|------|-------|
| ORAL | RAT | LD50 | 4700 | mg/kg |
|------|-----|------|------|-------|

#### 2-ETHYLHEXANOIC ACID

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 3    | gm/kg |
| SKN | RBT | LD50 | 1260 | µl/kg |

**Relevant effects for mixture:**

| Effect                   | Route | Basis                 |
|--------------------------|-------|-----------------------|
| Acute toxicity (harmful) | ING   | Hazardous: calculated |

### Symptoms / routes of exposure

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

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

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### MONO ETHYLENE GLYCOL

|         |          |       |      |
|---------|----------|-------|------|
| DAPHNIA | 48H EC50 | 41000 | mg/l |
| FISH    | 96H LC50 | 22810 | mg/l |

[cont...]

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## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 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/vPvB substance.

## 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste code number:** 16 01 15

**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

**Specific regulations:** - -

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and 3:** H302: Harmful if swallowed.  
H361d: Suspected of damaging the unborn child.  
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
R22: Harmful if swallowed.  
R63: Possible risk of harm to the unborn child.

[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. - - -