



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## OPUS HYDRAULIC HVI 32 ZINC FREE

Revision 0  
Revision date 2020-11-13

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

#### 1.1. Product identifier

Product name OPUS HYDRAULIC HVI 32 ZINC FREE

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC17] Hydraulic fluids;

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

Company Ferguson & Menzies Ltd  
Address 312 Broomloan Road  
Glasgow G51 2JW  
Web www.fergusonmenzies.co.uk  
Telephone 0141 445 3555  
Email info@fergusonmenzies.co.uk  
Email address of the competent person info@fergusonmenzies.co.uk

#### 1.4. Emergency telephone number

Emergency telephone number 0141-445-3555  
09.00 - 17.00

### SECTION 2: Hazards identification

#### 2.2. Label elements

Risk phrases No Significant Hazard

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### EC 1272/2008

| Chemical Name   | Index No. | CAS No.  | EC No.                 | REACH Registration Number | Conc. (%w/w) | Classification  |
|---|-----------|----------|------------------------|---------------------------|--------------|---|
| HYDROCARBONS, C10-C13, AROMATICS, <1%<br>NAPHTHALENE<br>Alkyl amine |           | 111-86-4 | 922-153-0<br>203-916-0 |                           | <0.2%        | : EUH066; Asp. Tox. 1: H304; Aquatic Chronic 2: H411;<br>Flam. Liq. 3: H226; Acute Tox. 3: H301; Acute Tox. 3: H311; Skin Corr. 1A: H314; Acute Tox. 4: H332; STOT SE 3: H335; Aquatic Acute 1: H400; |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation May cause irritation to mucous membranes. Move the exposed person to fresh air.  
Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the

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## 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Skin contact | eyelids open. Seek medical attention if irritation or symptoms persist.<br>May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion    | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.  |

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

|              |  |
|--------------|--|
| Skin contact | May cause sensitisation by skin contact. |
|--------------|--|

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

|              |  |
|--------------|--|
| Skin contact | If skin irritation or rash occurs: Get medical advice/attention. |
|--------------|--|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|  |   |
|--|---|
|  | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

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

|  |   |
|--|---|
|  | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

### 5.3. Advice for firefighters

|  |   |
|--|---|
|  | Wear suitable respiratory equipment when necessary. |
|--|---|

## SECTION 6: Accidental release measures

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

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. |
|--|--|

### 6.2. Environmental precautions

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

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

|  |   |
|--|---|
|  | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

### 6.4. Reference to other sections

|  |  |
|--|--|
|  | See section 8 for further information. |
|--|--|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|  |  |
|--|--|
|  | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

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

|  |  |
|--|--|
|  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. |
|--|--|

### 7.3. Specific end use(s)

|  |  |
|--|--|
|  | See section 1.2 for further information. |
|--|--|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

|  |   |
|--|---|
|  | Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|---|

### 8.2. Exposure controls

|   |  |
|---|--|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
|---|--|

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## 8.2. Exposure controls

|                                       |  |
|---------------------------------------|--|
| 8.2.2. Individual protection measures | Wear protective clothing.                            |
| Eye / face protection                 | In case of splashing, wear: Approved safety goggles. |
| Skin protection - Handprotection      | Chemical resistant gloves (PVC).                     |

## SECTION 9: Physical and chemical properties

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

|             |                |
|-------------|----------------|
| Appearance  | Liquid         |
| Colour      | Amber          |
| Odour       | Characteristic |
| Flash point | 205 °C         |
| Viscosity   | 32 cSt @ 40°C  |

### 9.2. Other information

|                  |        |
|------------------|--------|
| Specific gravity | 0.864  |
| Pour point       | -36 °C |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

### 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

### 10.3. Possibility of hazardous reactions

|  |  |
|--|--|
|  | Hazardous reactions will not occur under normal transport or storage conditions. |
|--|--|

### 10.4. Conditions to avoid

|  |                               |
|--|-------------------------------|
|  | Heat, sparks and open flames. |
|--|-------------------------------|

### 10.5. Incompatible materials

|  |                          |
|--|--------------------------|
|  | Strong oxidising agents. |
|--|--------------------------|

### 10.6. Hazardous decomposition products

|  |  |
|--|--|
|  | Do not breathe gas/fumes/vapour/spray. |
|--|--|

## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

|  |                                       |
|--|---------------------------------------|
|  | No data available                     |
|  | No data is available on this product. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

### Further information

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## SECTION 13: Disposal considerations

### General information

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

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## Disposal methods

Contact a licensed waste disposal company.

## Disposal of packaging

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

### Other information

#### Text of Hazard Statements in Section 3

EUH066 - Repeated exposure may cause skin dryness or cracking.  
 Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.  
 Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  
 Flam. Liq. 3: H226 - Flammable liquid and vapour.  
 Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin  
 Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.  
 Acute Tox. 4: H332 - Harmful if inhaled.  
 STOT SE 3: H335 - May cause respiratory irritation.  
 Aquatic Acute 1: H400 - Very toxic to aquatic life.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.