



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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OPUS PLUS SAE 30

Revision 4

Revision date 2016-09-22

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

1.1. Product identifier

| | |
|--------------|------------------|
| Product name | OPUS PLUS SAE 30 |
|--------------|------------------|

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; [SU17] General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment; [PC24] Lubricants, greases, release products; |
|-------------|---|

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 |
| Fax | 0141-425 1079 |
| 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

2.1. Classification of the substance or mixture

| | |
|------------------------------------|---|
| 2.1.1. Classification - 1999/45/EC | R52/53 Symbols: |
| Main hazards | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|-----------|---------|-----------|---------------------------|--------------|------------------------------|-----------|
| Zinc bis[O-(6-methylheptyl)] bis[o-(sec-butyl)] bis(dithiophosphate) | | | | | | Xi; R38-41 N; R51/53 | |
| ZINC ALKYL DITHIOPHOSPHATE | | | 272-028-3 | | | Xi; R36/38 N; R51/53 | |
| 2 Tetrapropenylphenol | | | 310-154-3 | | | Xn; R62 Xi; R38-41 N; R50/53 | |

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3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|----------|-----------|---------------------------|--------------|---|-----------|
| acrylic copolymer | | | | | | | |
| Zinc bis[O-(6-methylheptyl)] bis[o-(sec-butyl)] bis(dithiophosphate) | | | | | | | |
| Phenol, dodecyl-sulfurized, carbonates, calcium salts, overbased | | | | | | | |
| ZINC ALKYL DITHIOPHOSPHATE 2 | | | 272-028-3 | | | Eye Dam. 1: H318; Aquatic Chronic 2: H411; | |
| Tetrapropenylphenol | | | 310-154-3 | | | | |
| Calcium long-chain alkyl phenate sulphide | | | | | | Aquatic Chronic 4: H413; | |
| ETHYLENEDIAMINE | 612-006-00-6 | 107-15-3 | 203-468-6 | | | Flam. Liq. 3: H226; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Resp. Sens. 1: H334; Skin Sens. 1: H317; | |

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 eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | 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. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

| | |
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| | 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 |
|--|---|

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7.1. Precautions for safe handling

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.

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 | Brown |
| Odour | Characteristic |
| Flash point | 210 °C |
| Relative density | 0.886 |
| Viscosity | 11.15 cSt @ 100°C |

9.2. Other information

| | |
|------------------|-------------------------|
| Specific gravity | 0.886 g/cm ³ |
| Pour point | -19 °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

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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

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

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| | Contact a licensed waste disposal company. |
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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. |
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14.4. Packing group

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.5. Environmental hazards

| | |
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| | The product is not classified as dangerous for carriage. |
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14.6. Special precautions for user

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| | The product is not classified as dangerous for carriage. |
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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. |
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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

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| | 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

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Other information

| | |
|---|--|
| Revision | This document differs from the previous version in the following areas:. 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.2. Other information (Pour point). |
| Text of risk phrases in Section 3 | R36/38 - Irritating to eyes and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 - Possible risk of impaired fertility. |
| Text of Hazard Statements in Section 3 | Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life. Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction. Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

Further information

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| | 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. |
|--|--|