



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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HRC-01 Rustconverter

Revision 2
Revision date 2014-05-09

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

1.1. Product identifier

Product name HRC-01 Rustconverter

1.3. Details of the supplier of the safety data sheet

Company Granville Oil & Chemicals Ltd
Address 29 Goldthorpe Industrial Estate
Goldthorpe, Rotherham,
S63 9BL ENGLAND
Telephone +44 (0) 1709 890099
Fax +44 (0) 1709 891121

Local Supplier

Company Marine Gear Tasmania
Address Unit 2/20 Waterworth Drive
Margate
7054
Tasmania
Telephone 03 6267 1002

1.4. Emergency telephone number

Emergency telephone number +44 (0)1709 890099
830am - 5.00pm Monday - Friday

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Risk phrases None.
No Significant Hazard.

Safety phrases None.

2.3. Other hazards

Other hazards May cause irritation to skin and eyes.

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 |
|---|--------------|----------|-----------|---------------------------|--------------|--------------------------|
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | 603-014-00-0 | 111-76-2 | 203-905-0 | 01-2119475108-36 | 0.5 - 1% | Xn; R20/21/22 Xi; R36/38 |
| 1-Methoxy-2-propanol (1-Methoxypropan-2-ol) | 603-064-00-3 | 107-98-2 | 203-539-1 | | 0.5 - 1% | R10 R67 |

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3.2. Mixtures

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. Keep the affected person warm and at rest. Obtain medical attention if breathing difficulty persists. |
| 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 | DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water. Seek medical attention. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use extinguishing media appropriate to the surrounding fire conditions. Foam. Water spray. Dry powder. Carbon dioxide (CO ₂). |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| | This product is not flammable. |
|--|--------------------------------|

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. |
|--|---|

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. Store at temperatures between 5 and 25 deg C. Do NOT allow to freeze. |
|--|--|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|--|---------------------------|--|
| 1-Methoxy-2-propanol (1-Methoxypropan-2-ol) | WEL 8-hr limit ppm: 100 | WEL 8-hr limit mg/m ³ : 375 |
| | WEL 15 min limit ppm: 150 | WEL 15 min limit mg/m ³ : 560 |
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | WEL 8-hr limit ppm: 25 | WEL 8-hr limit mg/m ³ : - |
| | WEL 15 min limit ppm: 50 | WEL 15 min limit mg/m ³ : - |

8.2. Exposure controls

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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

| | |
|------------------|--------|
| State | Liquid |
| Colour | White |
| Odour | Mild |
| Relative density | 1.3 |

Water solubility

Miscible in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Alkaline solution.

10.6. Hazardous decomposition products

Thermal decomposition generates Hydrogen chloride.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of as special waste in compliance with local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Other information

| | |
|----------|---|
| Revision | This document differs from the previous version in the following areas: 15 - 15.2. Chemical safety assessment. |
|----------|---|

HRC-01 Rustconverter

Revision 2

Revision date 2014-05-09

Other information

Text of risk phrases in
Section 3

R10 - Flammable
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.
R67 - Vapours may cause drowsiness and dizziness.

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.



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Hypacote

Revision 2
Revision date 2014-08-12

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

1.1. Product identifier

| | |
|--------------|----------|
| Product name | Hypacote |
|--------------|----------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------|--|
| Company | Granville Oil & Chemicals Ltd |
| Address | 29 Goldthorpe Industrial Estate Goldthorpe, Rotherham, S63 9BL ENGLAND |
| Telephone | +44 (0) 1709 890099 |
| Fax | +44 (0) 1709 891121 |

Local Supplier

| | |
|-----------|---|
| Company | Marine Gear Tasmania |
| Address | Unit 2/20 Waterworth Drive Margate 7054 Tasmania |
| Telephone | 03 6267 1002 |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | +44 (0)1709 890099 830am - 5.00pm Monday - Friday |
|----------------------------|--|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------|-----------------------|
| Main hazards | No Significant Hazard |
|--------------|-----------------------|

2.2. Label elements

| | |
|----------------|---------------------------------|
| Risk phrases | None. No Significant Hazard. |
| Safety phrases | None. |

2.3. Other hazards

| | |
|---------------|--|
| Other hazards | May cause irritation to skin and eyes. |
|---------------|--|

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 |
|---|--------------|----------|-----------|---------------------------|--------------|--------------------------|
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | 603-014-00-0 | 111-76-2 | 203-905-0 | 01-2119475108-36 | 0.5 - 1% | Xn; R20/21/22 Xi; R36/38 |

Hypacote

Revision 2
Revision date 2014-08-12**SECTION 4: First aid measures**

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. Keep the affected person warm and at rest. Obtain medical attention if breathing difficulty persists. |
| 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. Water spray. Foam. Dry powder. Carbon dioxide (CO ₂). |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| | This product is not flammable. |
|--|--------------------------------|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. Cool fire exposed containers with waterspray. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|---|
| | Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. |
|--|---|

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. |
|--|---|

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. Do NOT allow to freeze. Store at temperatures between 5 and 25 deg C. |
|--|--|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|--|--------------------------|--|
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | WEL 8-hr limit ppm: 25 | WEL 8-hr limit mg/m ³ : - |
| | WEL 15 min limit ppm: 50 | WEL 15 min limit mg/m ³ : - |

8.2. Exposure controls

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

Hypacote

Revision 2

Revision date 2014-08-12

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

| | |
|--------|----------------|
| State | Liquid |
| Colour | Black |
| Odour | Characteristic |

Water solubility

Miscible in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on this product.

SECTION 13: Disposal considerations

General information

Dispose of as special waste in compliance with local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:
15 - 15.2. Chemical safety assessment.

Text of risk phrases in Section 3

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.

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.