

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1 of 5

Overwintering

Revision 1
Revision date 2017-09-27

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

1.1. Product identifier

| | |
|--------------|---------------|
| Product name | Overwintering |
| Product code | |

1.3. Details of the supplier of the safety data sheet

| | |
|-----------|---|
| Company | Fenwick's Limited |
| Address | Unit C1 Wem Industrial Estate Soulton Road Wem Shropshire England |
| Web | www.fenwicks.info |
| Telephone | +44 (0)845 2008485 |
| Fax | +44 (0)1939 393325 |
| Email | info@fenwicks.info |

1.4. Emergency Telephone Number


| | |
|----------------------|--------------|
| Emergency Tel Number | 07766 706294 |
|----------------------|--------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|--|
| 2.1.2. Classification – EC 1272/2008 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411 |
|--------------------------------------|--|

2.2. Label elements

| | |
|------------------------------------|---|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit 2: H319 - Causes eye irritation Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. |
| Precautionary Statement Prevention | P102 – Keep out of reach of children P264 – Wash thoroughly after handling P273 - Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/face protection |
| Precautionary Statement Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |

Overwintering

Revision 1

Revision date 2017-09-27

| | |
|--------------------------------------|--|
| Precautionary Statement: Disposal | P330 - Rinse mouth. |
| | P337+P313 – If eye irritation persists: Get medical advice/attention |
| | P501 - Dispose of contents/container to |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EINECS No. | REACH Registration Number | Conc. (%w/w) | Classification |
|--|-----------|------------|------------|---------------------------------|-----------------|-----------------------------|
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | | 111-76-2 | 203-905-0 | | 1 – 10% | Xn; R20/21/22 Xi; R36/38 |
| Isopropanol (Propan-2-ol) | | 67-63-0 | 200-661-7 | | 1 – 10% | F; R11 Xi; R36 R67 |
| Dicocoalkyldimethylammonium chloride | | 61789-77-3 | 263-087-6 | | 1 – 10% | Xn;R22 C;R34/41 |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EINECS No. | REACH Registration Number | Conc. (%w/w) | Classification |
|---|-----------|------------|------------|---------------------------------|-----------------|--|
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | | 111-76-2 | 203-905-0 | | 1 – 10% | Acute Tox. 4:H332; Acute Tox. 4:H312; Acute Tox. 4:H302; Eye Irrit. 2:H319; Skin Irrit. 2:H315 |
| Isopropanol (Propan-2-ol) | | 67-63-0 | 200-661-7 | | 1 – 10% | Flam Liq. 2:H225; STOT SE 3:H336; Eye Irrit. 2:H319; |
| Hydrocarbons, C15-C20 N-Alkanes, Isoalkanes, Cyclics <0.03% Aromatics | | | 934-956-3 | | 1 – 10% | Asp Tox. 1:H304 |
| Dicocoalkyldimethylammonium chloride | | 61789-77-3 | 263-087-6 | | 1 – 10% | Flam Liq 3:H226; Acute Tox. 4:H302; Skin Corr. 1A:H314; Aquatic Acute 1 :H400; Aquatic Chronic 1 :H410 |

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. |

Overwintering

Revision 1

Revision date 2017-09-27

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.

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.

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 15 min limit ppm: 50 | WEL 8-hr limit mg/m ³ : 123 WEL 15 min limit mg/m ³ : 101.2 |
| Isopropanol (Propan-2-ol) | WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 | WEL 8-hr limit mg/m ³ : 999 WEL 15 min limit mg/m ³ : 1250 |

Overwintering

Revision 1
Revision date 2017-09-27

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

| | |
|------------------|-------------------|
| Colour | Colourless/opaque |
| Odour | Slight |
| pH | 7.0 +/- |
| Boiling point | 100 |
| Relative Density | 0.95 - 1 |
| Water Solubility | Miscible in water |

SECTION 10: Stability and reactivity

10.2. Chemical stability

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

SECTION 11: Toxicological information

11.1 Toxicological Information

| | |
|--|----------------------------------|
| | No known adverse health effects. |
|--|----------------------------------|

11.1.4. Toxicological Information

| | | |
|---------------------------|---|--------------------------------|
| Isopropanol (Propan-2-ol) | Inhalation Rat LC50/4 h = 47-73mg/l Dermal Rabbit LD50 =>12800mg/kg | Oral Rat LD50 = 4700-5500mg/kg |
| | May cause irritation to skin and eyes. May be harmful by ingestion, inhalation or if absorbed through the skin. | |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|---|
| | No known adverse environmental effects. |
|--|---|

| | | |
|---------------------------|-----------------------------|-------------------------------------|
| Isopropanol (Propan-2-ol) | Daphnia EC50/48h = 4600mg/l | Fathead minnows LC50/96h = 9600mg/l |
|---------------------------|-----------------------------|-------------------------------------|

Overwintering

Revision 1

Revision date 2017-09-27

| | |
|--|---|
| | at normal usage dilutions, there is no toxic threat to the environment. |
|--|---|

SECTION 13: Disposal considerations

General Information

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

SECTION 14: Transport information

Further Information

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

SECTION 15: Regulatory information

Labelling

Risk phrases

| | |
|--|------------------------|
| | No Significant Hazard. |
|--|------------------------|

SECTION 16: Other information

Other Information

Text of risk phrases in Section 3

| | |
|--|---|
| | <p>R11 - Highly flammable.</p> <p>R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R22 - Harmful if swallowed.</p> <p>R36 - Irritating to eyes.</p> <p>R36/38 - Irritating to eyes and skin.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p> |
|--|---|

Labelling for contents

| | |
|--|----------------|
| | Not applicable |
|--|----------------|

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. |
|--|--|

Legal Disclaimer

| | |
|--|---|
| | The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use. |
|--|---|