

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Over Wintering

Revision 0
Revision date 2011-03-16

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

1.1. Product identifier

Product name	Over Wintering
Product code	

1.3. Details of the supplier of the safety data sheet

Company	Fenwick's Limited
Address	Fir Tree Lane Chorley Cheshire CW5 8JX England
Web	www.fenwicks.info
Telephone	+44 (0)1270 524111
Fax	+44 (0)1270 524111
Email	info@fenwicks.info

1.4. Emergency Telephone Number

Emergency Tel Number	07766 706294
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main Hazards	No Significant Hazards
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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

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.
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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

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

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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/m3: - WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

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
Water Solubility	Miscible in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1 Toxicological Information

	No known adverse health effects.
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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.	

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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
	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.
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SECTION 14: Transport information

Further Information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

Labelling

Risk phrases	No Significant Hazard.
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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.
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Legal Disclaimer

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	<p>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.</p>
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