SAFETY DATA SHEET
XL FAIRWAY

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

1.1. Product identifier
Product name: XL FAIRWAY
Product number: WAA006/10

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Soil surfactant.

1.3. Details of the supplier of the safety data sheet
Supplier: Headland Amenity Ltd
1 Burr Elm Court
Main Street
Caldecote
Cambridge
Cambridgeshire
CB23 7NU
Tel. +44 (0)1223 491090
sds.enquiries@headlandamenity.com

Contact person: Wendy Johnson

1.4. Emergency telephone number
Emergency telephone: +44 (0)1223 491090 (9.00 - 5.00 GMT Mon-Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards: Not Classified
Health hazards: Not Classified
Environmental hazards: Aquatic Chronic 3 - H412

2.2. Label elements
Hazard statements: H412 Harmful to aquatic life with long lasting effects.
Precautionary statements:
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information:
EUH208: Contains 1, 2-Benzisothiazolin-3-one. May produce an allergic reaction.
Contains: 1,2-BENZISOTHIAZOL-3(2H)-ONE

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients
3.2. Mixtures

POLYETHER MODIFIED TRISILOXANE

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 - H312</td>
<td>Xn; R20/21. Xi; R36. N; R51/53</td>
</tr>
<tr>
<td>Acute Tox. 4 - H332</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

CAS number: 134180-76-0
EC number: 603-798-4

The data shown are in accordance with the latest EC Directives.

3.2. Mixtures

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4.1. Description of first aid measures

Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin contact
Remove affected person from source of contamination. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation
There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion
There may be irritation of the throat.

Skin contact
There may be mild irritation at the site of contact.

Eye contact
There may be irritation and redness.

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

Notes for the doctor
No specific recommendations. If in doubt, get medical attention promptly.

Specific treatments
Eye bathing equipment should be available on the premises.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media
None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters
XL FAIRWAY

**Protective actions during firefighting**
No specific firefighting precautions known. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters**
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**
Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

**Environmental precautions**
Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**
Stop leak if safe to do so. Contain the spillage using bunding. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

**Reference to other sections**
Collect and dispose of spillage as indicated in Section 13.

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**SECTION 7: Handling and storage**

7.1. Precautions for safe handling

**Usage precautions**
Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Wash hands thoroughly after handling.

**Advice on general occupational hygiene**
Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from frost. Store at temperatures above 5°C.

7.3. Specific end use(s)

**Specific end use(s)**
The identified uses for this product are detailed in Section 1.2.

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**SECTION 8: Exposure Controls/personal protection**

8.1. Control parameters

8.2. Exposure controls

**Protective equipment**

**Appropriate engineering controls**
Provide adequate ventilation.

**Eye/face protection**
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Provide eyewash station.
XL FAIRWAY

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. PVC gloves. PVA gloves. Butyl gloves. Nitrile gloves. Rubber gloves.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Use appropriate skin cream to prevent drying of skin.

Respiratory protection
No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls
Refer to specific Member State legislation for requirements under Community environmental legislation.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Dark brown.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
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<tr>
<td>Odour threshold</td>
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<tr>
<td>pH</td>
<td>pH (concentrated solution): 9.0 - 10.0</td>
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<td>Melting point</td>
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<td>Initial boiling point and range</td>
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<tr>
<td>Flash point</td>
<td>Mixture not classed as flammable</td>
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<tr>
<td>Evaporation rate</td>
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<tr>
<td>Evaporation factor</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No information available.</td>
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<tr>
<td>Vapour density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.08 - 1.10</td>
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<tr>
<td>Bulk density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water.</td>
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<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
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<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
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<tr>
<td>Explosive properties</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Does not meet the criteria for classification as oxidising.</td>
</tr>
</tbody>
</table>

9.2. Other information
Other information

No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

There are no known reactivity hazards associated with this product. Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures. Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - dermal

ATE dermal (mg/kg) 11,000.0

Acute toxicity - inhalation

ATE Inhalation (dusts/mists mg/l) 15.0

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion

There may be irritation of the throat.

Skin contact

There may be mild irritation at the site of contact.

Eye contact

There may be irritation and redness.

SECTION 12: Ecological Information

12.1. Toxicity

Acute toxicity - fish

LC50, 96 hours: 22.4 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC50, 48 hours: 12.0 mg/l, Daphnia magna

Acute toxicity - aquatic plants

ErC50, 72 hours: >100 mg/l, Fish

12.2. Persistence and degradability

Persistence and degradability

No information available.
12.3. Bioaccumulative potential
Bioaccumulative potential  No information available.
Partition coefficient  No information available.

12.4. Mobility in soil
Mobility  The product is soluble in water.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment  This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects  Harmful to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal methods  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General  The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
No transport warning sign required.

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant  No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<table>
<thead>
<tr>
<th>Revision comments</th>
<th>Supplier contact and emergency contact details updated.</th>
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</thead>
<tbody>
<tr>
<td><strong>Revision date</strong></td>
<td>04/09/2015</td>
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<tr>
<td><strong>Revision</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Supersedes date</strong></td>
<td>15/06/2015</td>
</tr>
<tr>
<td><strong>Risk phrases in full</strong></td>
<td>R20 Harmful by inhalation.</td>
</tr>
<tr>
<td></td>
<td>R21 Harmful in contact with skin.</td>
</tr>
<tr>
<td></td>
<td>R38 Irritating to skin.</td>
</tr>
<tr>
<td></td>
<td>R41 Risk of serious damage to eyes.</td>
</tr>
<tr>
<td></td>
<td>R51/S3 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td></td>
<td>R52/S3 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
</tbody>
</table>

| **Hazard statements in full** | H312 Harmful in contact with skin.                   |
|                               | H319 Causes serious eye irritation.                  |
|                               | H332 Harmful if inhaled.                             |
|                               | H411 Toxic to aquatic life with long lasting effects. |
|                               | H412 Harmful to aquatic life with long lasting effects. |