



## SAFETY DATA SHEET ASCOFLEX 15

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

#### 1.1. Product identifier

Product name                    ASCOFLEX 15  
Product number                BIO003/100

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses                Fertiliser for use on managed amenity turf

#### 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        Not Classified

#### 2.2. Label elements

Hazard statements             NC Not Classified

#### 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

Composition comments        The data shown are in accordance with the latest EC Directives. No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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<b>General information</b>	No specific recommendations.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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

<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	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.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. In case of spills, beware of slippery floors and surfaces.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	No negative effects on the aquatic environment are known.
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### 6.3. Methods and material for containment and cleaning up

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**Methods for cleaning up** Contain spillage with sand, earth or other suitable non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

**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. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

### 7.3. Specific end use(s)

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

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

HYDROCHLORIC ACID 32%

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2 mg/m<sup>3</sup> gas and aerosol mists

Short-term exposure limit (15-minute): WEL 5 ppm 8 mg/m<sup>3</sup> gas and aerosol mists

WEL = Workplace Exposure Limit

### 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.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of 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. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Use appropriate skin cream to prevent drying of skin.

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

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Dark brown.
<b>Odour</b>	Seaweed.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): ~ 4.4 @ 20°C
<b>Melting point</b>	No information available.
<b>Flash point</b>	Mixture not classed as flammable
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	~ 1.145 @ 20°C
<b>Bulk density</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 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 normal 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, flames and other sources of ignition.

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### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids. Strong alkalis.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	No specific symptoms known. No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	Vapour or spray in the eyes may cause irritation and smarting.
<b>Acute and chronic health hazards</b>	No known chronic or acute health risks.
<b>Medical symptoms</b>	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

## SECTION 12: Ecological information

**Ecotoxicity** No negative effects on the aquatic environment are known.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains inorganic substances which are not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 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** Not applicable.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste is suitable for incineration.

**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

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**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 Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Key literature references and sources for data** Source: European Chemicals Agency, <http://echa.europa.eu/>

**Revision comments** Product name change.

**Issued by** Wendy Johnson

**Revision date** 17/03/2020

**Revision** 2

**Supersedes date** 15/03/2019

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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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.