SAFETY DATA SHEET
SOLUFEED TEMAG + HPE

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

1.1. Product identifier

Product name: SOLUFEED TEMAG + HPE
Product number: IHM006

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
SOLUFEED TEMAG + HPE

**Inhalation**
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention.

**Ingestion**
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.

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

**Eye contact**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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**
May cause discomfort if swallowed.

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

**Eye contact**
May cause temporary eye irritation.

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.

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

**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.

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.

6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**
Stop leak if safe to do so. Scoop/sweep/shovel spill into closing containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections
SOLUFEED TEMAG + HPE

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 Open container with care to avoid generating dust. Avoid spilling. Avoid contact with skin and eyes. Avoid generation and spreading of dust. 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


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

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.

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. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

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

Appearance Granules.

Colour Mustard yellow.

Odour No characteristic odour.

Odour threshold No information available.

pH No information available.
### SOLUFEED TEMAG + HPE

<table>
<thead>
<tr>
<th>Property</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Mixture not classed as flammable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
</tr>
<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>
</tr>
<tr>
<td>Vapour density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<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 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 excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid


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.
SOLUFEED TEMAG + HPE

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicological effects</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>There may be irritation of the throat with a feeling of tightness in the chest.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause discomfort if swallowed.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May cause eye irritation.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological Information

Ecotoxicity  
Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability  
The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential  
The product is not bioaccumulating.

Partition coefficient  
No information available.

12.4. Mobility in soil

Mobility  
No information available.

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

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
SOLUFEED TEMAG + HPE

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.

<table>
<thead>
<tr>
<th>SECTION 15: Regulatory information</th>
</tr>
</thead>
</table>

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

**EU legislation**


#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

<table>
<thead>
<tr>
<th>SECTION 16: Other information</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Revision comments</strong></th>
<th>Supplier contact and emergency contact details updated.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revision date</strong></td>
<td>04/09/2015</td>
</tr>
<tr>
<td><strong>Revision</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Supersedes date</strong></td>
<td>01/06/2015</td>
</tr>
</tbody>
</table>

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.