SAFETY DATA SHEET
MULTIGREEN MINI 24-0-24

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

1.1. Product identifier
Product name         MULTIGREEN MINI 24-0-24
Product number       CRF005/25

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
MULTIGREEN MINI 24-0-24

POTASSIUM NITRATE 0-45%
CAS number: 7757-79-1  
EC number: 231-818-8  
REACH registration number: 01-2119488224-35-XXXX

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

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

SECTION 4: First aid measures

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. Rinse mouth thoroughly with water. Do not induce vomiting. 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  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

General information  Treat symptomatically.

Inhalation  May cause respiratory system irritation.

Ingestion  May cause discomfort if swallowed.

Skin contact  Prolonged skin contact may cause redness and irritation.

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  Toxic and corrosive gases or vapours. Nitrous gases (NOx). Oxides of potassium.

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. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures
MULTIGREEN MINI 24-0-24

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Provide adequate ventilation. 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

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
Provide adequate ventilation. Open container with care to avoid generating dust. Avoid spilling. Avoid contact with skin and eyes. 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

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

POTASSIUM NITRATE (CAS: 7757-79-1)

DNEL
General population - Oral; 12.5 mg/kg/day
Workers - Dermal; 20.8 mg/kg/day
General population - Dermal; 12.5 mg/kg/day
Workers - Inhalation; 36.7 mg/m³
General population - Inhalation; 10.9 mg/m³

PNEC
- Fresh water; Long term 0.45 mg/l
- Marine water; Long term 0.045 mg/l
- Water; Short term 4.5 mg/l
- STP; Long term 18 mg/l

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.
MULTIGREEN MINI 24-0-24

Eye/face protection  
Wear chemical splash goggles. Provide eyewash station.

Hand protection  
Wear protective gloves made of the following material: Butyl rubber. Neoprene. Rubber (natural, latex).

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
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<td>Colour</td>
<td>White</td>
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<td>pH</td>
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<td>Flammability (solid, gas)</td>
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<td>Upper/lower flammability or</td>
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<td>Decomposition Temperature</td>
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<tr>
<td>Oxidising properties</td>
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</table>

9.2. Other information
MULTIGREEN MINI 24-0-24

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**

High temperature. Unstable when exposed to moisture.

#### 10.5. Incompatible materials

**Materials to avoid**


#### 10.6. Hazardous decomposition products

**Hazardous decomposition products**

Nitrous gases (NOx). Oxides of potassium.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects**

No information available.

**Inhalation**


**Ingestion**

May cause discomfort if swallowed. Large quantities - bloody bowel movement.

**Skin contact**

May cause skin irritation.

**Eye contact**

May cause eye irritation.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Persistence and degradability**

No information available.

#### 12.2. Persistence and degradability

**Bioaccumulative potential**

No information available.

**Partition coefficient**

No information available.

#### 12.4. Mobility in soil

**Mobility**

No information available.

12.5. Results of PBT and vPvB assessment
MULTIGREEN MINI 24-0-24

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
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

Revision comments Supplier contact and emergency contact details updated.
Revision date 04/09/2015
MULTIGREEN MINI 24-0-24

Revision 5
Supersedes date 23/06/2015
Risk phrases in full Not classified.
Hazard statements in full H272 May intensify fire; oxidiser.

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.