SAFETY DATA SHEET
ELEVATE FE

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

1.1. Product identifier

Product name: ELEVATE FE
Product number: IPH004/10, IPH004/200, IPH004/750, IPH004/1000

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: Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards: Not Classified

2.2. Label elements

Pictogram:

![Exclamation mark]

Signal word: Warning

Hazard statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
ELEVATE FE

Precautionary statements
P280 Wear protective gloves, protective clothing and eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing.
P391 Collect spillage.

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

<table>
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<tr>
<th>FERRIC AMMONIUM CITRATE</th>
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<tr>
<td>CAS number: 1185-57-5</td>
<td>EC number: 214-686-6</td>
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<td>REACH registration number: 01-2119963920-33-XXXX</td>
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Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

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. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion
Never give anything by mouth to an unconscious person. Do not induce vomiting. Give plenty of water to drink. Get medical attention immediately.

Skin contact
Remove affected person from source of contamination. Take off immediately all contaminated clothing. 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.

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 soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Skin contact
Skin contact may cause redness and irritation.

Eye contact
Irritation and redness, followed by blurred vision. Profuse watering of the eyes. May cause permanent damage.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
ELEVATE FE

Suitable extinguishing media  Water. Carbon dioxide (CO2).

Unsuitable extinguishing media  None known.

5.2. Special hazards arising from the substance or mixture
Hazardous combustion products  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. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up  Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. 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  For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions  Provide adequate ventilation. 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. Remove contaminated clothing and protective equipment before entering eating areas.

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. Store below 30°C. Protect from frost. Keep away from (strong) acids. Keep away from alkalis. Keep away from food, drink and animal feeding stuffs.

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

- Provide adequate ventilation.
- The following protection should be worn: Chemical splash goggles or face shield. Provide eyewash station.
- Wear protective gloves. Rubber, neoprene or PVC.
- 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.

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

- **Appearance**: Dark-coloured liquid.
- **Colour**: Brown.
- **Odour**: Characteristic.
- **Odour threshold**: No information available.
- **pH**: pH (concentrated solution): 8.0
- **Melting point**: <0°C
- **Initial boiling point and range**: >100°C @ 760 mm Hg
- **Flash point**: Mixture not classed as flammable
- **Evaporation rate**: No information available.
- **Evaporation factor**: No information available.
- **Flammability (solid, gas)**: Not applicable.
- **Upper/lower flammability or explosive limits**: Not applicable.
- **Vapour pressure**: No information available.
- **Vapour density**: No information available.
- **Relative density**: 1.28
- **Bulk density**: No information available.
- **Solubility(ies)**: Soluble in water.
ELEVATE FE

**Partition coefficient**: No information available.

**Auto-ignition temperature**: No information available.

**Decomposition Temperature**: No information available.

**Viscosity**: No information available.

**Explosive properties**: Not considered to be explosive.

**Oxidising properties**: Does not meet the criteria for classification as oxidising.

**9.2. 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**: Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid**: Avoid heat.

#### 10.5. Incompatible materials

**Materials to avoid**: Acids and alkalis

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products**: Toxic gas.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects**: No information available.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Acute toxicity - aquatic invertebrates**: EC₅₀, 48 hours: 100 mg/l, Daphnia magna

#### 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
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
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
EU legislation

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.
## SECTION 16: Other information

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<th>Revised classification.</th>
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| Hazard statements in full | H315 Causes skin irritation.  
|                        | H319 Causes serious eye irritation.            |

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.