



## SAFETY DATA SHEET

### QUICKSTART MIDI 12-12-17 + 2MGO + TE

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

##### 1.1. Product identifier

**Product name** QUICKSTART MIDI 12-12-17 + 2MGO + TE  
**Product number** CTF005

##### 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 Windscheffel

##### 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

**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

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<b>AMMONIUM NITRATE</b>		<b>10-45%</b>
CAS number: 6484-52-2	EC number: 229-347-8	REACH registration number: 01-2119490981-27-XXXX
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Ox. Liq. 2 - H272	Xi;R36. O;R8.	
Eye Irrit. 2 - H319		
<b>DISODIUM TETRABORATE PENTAHYDRATE</b>		<b>&lt; 0.2%</b>
CAS number: 12179-04-3	EC number: 215-540-4	REACH registration number: 01-2119490790-32-XXXX
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Irrit. 2 - H319	Xi; R36. Repr. Cat. 1 R60, R61	
Repr. 1B - H360FD		

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

<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.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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. Ingestion may provoke the following symptoms - methaemoglobinemia.
<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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Water.
<b>Unsuitable extinguishing media</b>	Foam. Dry chemicals. Carbon dioxide (CO2). Sand.

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

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**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Nitrous gases (NOx). Ammonia.

### 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

### 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 possible without risk. 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** 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** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat sources, combustible materials. Keep away from acids, oxidising agents. Protect from 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

#### AMMONIUM NITRATE (CAS: 6484-52-2)

<b>DNEL</b>	Workers - Inhalation; local effects: 37.3 mg/m <sup>3</sup> Workers - Dermal; local effects: 21.3 mg/kg Consumer - Oral; local effects: 12.8 mg/kg Consumer - Inhalation; local effects: 11.1 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 0.45 mg/l - Marine water; 0.045 mg/l

### 8.2. Exposure controls

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### Protective equipment



### Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

### 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 hands 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	Blue.
Odour	No characteristic odour.
Odour threshold	No information available.
pH	pH (diluted solution): ~5 100,00g/l @ 20oC
Melting point	No information available.
Initial boiling point and range	No information available.
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	No information available.
Bulk density	~ 1.150 kg/m <sup>3</sup>
Solubility(ies)	Soluble in water.
Partition coefficient	No information available.

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<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	> 130°C
<b>Viscosity</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

<b>Other information</b>	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product. Stable under normal conditions.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures. Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Evolution of ammonia under influence of alkalies.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Sulphur. Chlorites. Chloride. Chlorates. Hypochlorites. Acid-reactive materials. Alkaline-reactive materials. Flammable oxidizable substances. Nitrites. Metallic salts. Metallic powder. Herbicide. Chlorinated hydrocarbons. Organic compounds.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Nitrous gases (NOx). Ammonia.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin corrosion/irritation

<b>Animal data</b>	Rabbit. Result: non-irritant, OECD Test Guideline 404.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Rabbit. Result: non-irritant, OECD Test Guideline 405.
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#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	Not sensitising.
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#### Skin sensitisation

<b>Skin sensitisation</b>	Not sensitising.
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#### Germ cell mutagenicity

<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
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#### Carcinogenicity

<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
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<b>Inhalation</b>	May cause irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	May cause eye irritation.

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

#### 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

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### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	Supplier contact and emergency contact details updated.
<b>Revision date</b>	04/09/2015
<b>Revision</b>	2
<b>Supersedes date</b>	29/06/2015
<b>Risk phrases in full</b>	R8 Contact with combustible material may cause fire. R36 Irritating to eyes. R60 May impair fertility. R61 May cause harm to the unborn child.
<b>Hazard statements in full</b>	H272 May intensify fire; oxidiser. H319 Causes serious eye irritation. H360FD May damage fertility. May damage the unborn child.

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.