



SAFETY DATA SHEET

EASYGREEN MINI 21-5-10 + 3MGO + TE

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

1.1. Product identifier

Product name EASYGREEN MINI 21-5-10 + 3MGO + TE
Product number CMR002/25

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.
 1-3 Freeman Court
 Jarman Way
 Royston
 Hertfordshire
 SG8 5HW
 +44 (0)1763 255550
 sds@headlandamenity.com

Contact person Wendy Johnson

1.4. Emergency telephone number

Emergency telephone +44 (0)1763 255550 (09.00 - 17.00 GMT Monday - Friday)

National emergency telephone number 111

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

EASYGREEN MINI 21-5-10 + 3MGO + TE

AMMONIUM NITRATE		45-70%
CAS number: 6484-52-2	EC number: 229-347-8	REACH registration number: 01-2119490981-27-XXXX
Classification		
Ox. Liq. 2 - H272		
Eye Irrit. 2 - H319		
DISODIUM TETRABORATE PENTAHYDRATE		< 0.2%
CAS number: 12179-04-3	EC number: 215-540-4	REACH registration number: 01-2119490790-32-XXXX
Classification		
Eye Irrit. 2 - H319		
Repr. 1B - H360FD		

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

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move affected person to fresh air at once. Get medical attention. In case of lung irritation, first treatment with dexamethasone aerosol (spray).
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.
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

Inhalation	May cause respiratory system irritation. Pneumonia. Lung oedema.
Ingestion	May cause discomfort if swallowed. Ingestion may provoke the following symptoms - methaemoglobinemia.
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.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media	Water.
Unsuitable extinguishing media	Foam. Dry chemicals. Carbon dioxide (CO2). Sand.

5.2. Special hazards arising from the substance or mixture

EASYGREEN MINI 21-5-10 + 3MGO + TE

Hazardous combustion products Thermal decomposition can lead to release of irritating gases and vapours. Nitrous gases (NO_x). 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. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate.

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. Avoid the spillage or runoff entering drains, sewers or watercourses. Flush contaminated area with plenty of water. The contaminated water must be collected and removed for treatment or disposal.

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. Keep away from heat.

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 strong acids. Keep away from strong bases. Protect from sunlight. Protect from moisture.

Storage class Ammonium nitrate and ammonium nitrate-containing preparations

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)

DNEL	Workers - Inhalation; Long term systemic effects: 36 mg/m ³
	Workers - Dermal; Long term systemic effects: 5.12 mg/kg
	Consumer - Oral; Long term systemic effects: 2.56 mg/kg
	Consumer - Inhalation; Long term systemic effects: 8.9 mg/m ³
	Consumer - Dermal; Long term systemic effects: 2.56 mg/kg

EASYGREEN MINI 21-5-10 + 3MGO + TE

PNEC	- Fresh water; 0.45 mg/l
	- marine water; 0.045 mg/l
	STP; 18 mg/l

DISODIUM TETRABORATE PENTAHYDRATE (CAS: 12179-04-3)

DNEL	Workers - Inhalation; Long term : 6.7 mg/m ³
	Consumer - Inhalation; Long term : 3.4 mg/m ³
	Workers - Dermal; Long term : 316.4 mg/kg
	Consumer - Dermal; Long term : 159.5 mg/kg
	Consumer - Oral; Long term : 0.79 mg/kg
	Consumer - Oral; Short term : 0.79 mg/kg

PNEC	Fresh water; 2.9 mg/l
	marine water; 2.9 mg/l
	Soil; 5.7 mg/kg
	Intermittent release; 13.7 mg/l
	STP; 10 mg/l

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. Particulate filters should comply with European Standard EN143. Particulate filter, type P1.

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 at 100 g/l @ 20oC

EASYGREEN MINI 21-5-10 + 3MGO + TE

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 ³
Solubility(ies)	Soluble in water.
Auto-ignition temperature	No information available.
Decomposition Temperature	> 130°C
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

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 Evolution of ammonia under influence of alkalies.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid frost. Avoid exposure to high temperatures or direct sunlight. Avoid moisture.

10.5. Incompatible materials

Materials to avoid Sulphur. Chlorites. Chloride. Chlorates. Hypochlorites. Acid-reactive materials. Alkaline-reactive materials. Flammable oxidizable substances. Nitrites. Metallic salts. Metallic powder. Herbicide. Chlorinated hydrocarbons. Organic compounds.

10.6. Hazardous decomposition products

EASYGREEN MINI 21-5-10 + 3MGO + TE

Hazardous decomposition products Nitrous gases (NOx). Ammonia.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Serious eye damage/irritation

Serious eye damage/irritation Rabbit. Result: non-irritant, OECD Test Guideline 405.

Reproductive toxicity

Reproductive toxicity - fertility This substance has no evidence of toxicity to reproduction.

Reproductive toxicity - development This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Inhalation May cause respiratory irritation. Pneumonia. Lung oedema.

Ingestion May cause discomfort if swallowed. Ingestion may provoke the following symptoms - Methaemoglobinemia.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecological information on ingredients.

AMMONIUM NITRATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 490 mg/l, Daphnia magna
LC₅₀, : 490 mg/l,

Acute toxicity - aquatic plants EC₅₀, 10 days: 1.7 mg/l, Selenastrum capricornutum

DISODIUM TETRABORATE PENTAHYDRATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 74 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: 242 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₁₀, 96 hours: 24 mg/l, Scenedesmus subspicatus

12.2. Persistence and degradability

EASYGREEN MINI 21-5-10 + 3MGO + TE

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility Groundwater contamination is unlikely.

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 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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

EASYGREEN MINI 21-5-10 + 3MGO + TE**SECTION 16: Other information**

Revision comments	Supplier company address updated. Emergency contact details updated. NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	06/05/2021
Revision	2
Supersedes date	13/07/2018
SDS number	20637
Hazard statements in full	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.