



SAFETY DATA SHEET TURFITE ELITE

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

1.1. Product identifier

Product name TURFITE ELITE

Product number PHP002/10, PHP002/100, PHP002/500

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 Eye Irrit. 2 - H319

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

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Precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves, protective clothing and eye protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/ attention.

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

MONOPOTASSIUM PHOSPHITE LIQUID 0-30-20	50-70%
CAS number: 13977-65-6	EC number: 604-162-9
	REACH registration number: 01-2119988836-13-XXXX

Classification

Eye Irrit. 2 - H319

CITRIC ACID MONOHYDRATE	1-5%
CAS number: 5949-29-1	EC number: 201-069-1
	REACH registration number: 01-2119457026-42-XXXX

Classification

Eye Irrit. 2 - H319

SALICYCLIC ACID	<1%
CAS number: 69-72-7	EC number: 200-712-3
	REACH registration number: 01-2119486984-17-XXXX

Classification

Acute Tox. 4 - H302
 Eye Dam. 1 - H318
 Repr. 2 - H361d

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.

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 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.

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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. Pain. Profuse watering of the eyes. May cause permanent damage.

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	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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Unsuitable extinguishing media	No unsuitable extinguishing media known. None known.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Toxic gases or vapours.
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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.
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Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent further escape of material.
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6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.
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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 spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.4. Reference to other sections

Reference to other sections	Collect and dispose of spillage as indicated in Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Provide adequate ventilation. Avoid the formation of mists. Avoid spilling. Avoid contact with skin and eyes. Wash hands thoroughly after handling.
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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.
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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.

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

CITRIC ACID MONOHYDRATE (CAS: 5949-29-1)

PNEC

Fresh water; 0.44 mg/l
 marine water; 0.044 mg/l
 Sediment (Freshwater); 7.52 mg/kg
 Sediment (Marinewater); 0.752 mg/kg
 Soil; 29.2 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield. Provide eyewash station.

Hand protection

Wear protective gloves.

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	Liquid.
Colour	Blue.
Odour	Odourless.
Odour threshold	No information available.
pH	pH (concentrated solution): 3.5 - 4.5
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	Mixture not classed as flammable

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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	1.29-1.33
Bulk density	No information available.
Solubility(ies)	Soluble in water.
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

Other information None.

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 heat.

10.5. Incompatible materials

Materials to avoid Strong acids. Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

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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	There may be irritation and redness at the site of contact.
Eye contact	Irritation and redness, followed by blurred vision. Profuse watering of the eyes. Pain. May cause permanent damage.

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 No potential for bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility Readily absorbed into soil.

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 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.

SECTION 16: Other information

Revision comments	Supplier company address updated. Emergency contact details updated. Section 3 updated. NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	10/03/2021
Revision	2
Supersedes date	06/09/2019
SDS number	20373
Hazard statements in full	H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. H361d Suspected of damaging 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.