



## SAFETY DATA SHEET XPEDITE

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

#### 1.1. Product identifier

Product name	XPEDITE
Product number	SOT009/20
REACH registration notes	This SDS is produced voluntarily because the product does not meet the criteria for classification as hazardous in accordance with Regulation (EC) No 1272/2008 or GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567, as applicable.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Soil amendment for use on managed amenity turf.
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#### 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
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Contact person	Wendy Johnson
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#### 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
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#### 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>DIATOMACEOUS EARTH, CALCINED</b>	<b>~100%</b>
CAS number: 91053-39-3	EC number: 293-303-4
<b>Classification</b>	
Not Classified	
<b>CRYSTALLINE SILICA, CRISTOBALITE</b>	<b>&lt;1%</b>
CAS number: 14464-46-1	EC number: 238-455-4
<b>Classification</b>	
STOT RE 1 - H372	

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

<b>Inhalation</b>	Move affected person to fresh air at once. Blow nose to evacuate dust. 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. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Brush off loose particles from skin. Wash skin thoroughly with soap and water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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 if any discomfort continues.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation. Chronic inhalation of dust should be avoided. Personal protective respiratory equipment is recommended if area exposure levels are higher than permissible under current national regulations.
<b>Ingestion</b>	Ingestion of moderate quantities may cause irritation to the mouth, throat and stomach.
<b>Skin contact</b>	Although not absorbed by the skin, may cause dryness if prolonged exposure.
<b>Eye contact</b>	May cause irritation (tear formation and redness) if dust gets in eyes.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
<b>Specific treatments</b>	If breathing is uncomfortable following inhalation, get medical attention

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

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

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**Hazardous combustion products** No information available

### 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. Avoid generation of dust.

### 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** Use vacuum equipment for collecting spilt materials, where practicable. Avoid generation and spreading of dust.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. 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 breathing dust. If ventilation is inadequate, suitable respiratory protection must be worn. Avoid contact with 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. Keep away from combustible materials. Do not store near hydrofluoric acid.

### 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

#### Occupational exposure limits

#### **CRYSTALLINE SILICA, CRISTOBALITE**

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

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### 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

Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

### Other skin and body protection

Provide eyewash station.

### 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

In case of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European and national legislation.

### Environmental exposure controls

Avoid wind dispersal.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Granules.
<b>Colour</b>	Beige to red
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (diluted solution): 6.4 10% slurry
<b>Melting point</b>	1400 - 1450°C
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	Mixture not classed as flammable
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	2.2
<b>Bulk density</b>	430-460 kg/m <sup>3</sup>

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<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	>1300°C
<b>Viscosity</b>	Not applicable.
<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>	Do not use with hydrofluoric acid. May react violently.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Do not leave in enclosed spaces when mixed with highly flammable material, as heat can build up over long periods of time and flammable material may eventually ignite.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Hydrofluoric acid Products containing silica may react violently with hydrofluoric acid.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	Potential acute inhalation hazard. Possible eye irritation due to dust fraction. Possible skin irritation due to dust fraction.
<b>Inhalation</b>	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation.
<b>Ingestion</b>	Ingestion of moderate quantities may cause irritation to the mouth, throat and stomach.
<b>Skin contact</b>	Although not absorbed by the skin, may cause dryness if prolonged exposure.
<b>Eye contact</b>	May cause irritation (tear formation and redness) if dust gets in eyes.

## SECTION 12: Ecological information

### 12.1. Toxicity

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### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No potential for bioaccumulation.

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** Not considered mobile.

### 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

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

<b>Revision comments</b>	Supplier company address updated. Emergency contact details updated. NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	17/05/2021
<b>Revision</b>	3
<b>Supersedes date</b>	04/09/2015
<b>Hazard statements in full</b>	H372 Causes damage to organs through prolonged or repeated exposure.

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.