

# VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: May 2015

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

### 1.1. Product identifier

**GROWMORE**

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

Identified uses Fertiliser

### 1.3. Details of the supplier of the safety data sheet

Vitax Limited

Owen Street

Coalville

Leicestershire LE67 3DE

Tel: +44 (0) 1530 510060 Fax: +44 (0) 1530 510299

### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1530 510060

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Eye Irrit. 2 - H319

Environmental hazards

Not Classified

### 2.2. Label elements

Pictogram

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face 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 substance is not classified as PBT or vPvB according to current EU criteria.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

SSP Single Superphosphate 30-60%

CAS number: 8011-76-5 EC number: 232-379-5 REACH registration number: 01-2119488967-11-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Eye Dam 1 H318

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

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation

Get medical attention if symptoms are severe or persist.

Ingestion

Get medical attention if symptoms are severe or persist.

Skin contact

Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing.

Eye contact

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

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

Inhalation

Dust in high concentrations may irritate the respiratory system.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

May cause skin irritation. Prolonged skin contact may cause temporary irritation. Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Prolonged or repeated exposure may cause severe irritation. May cause severe eye irritation.

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

Notes for the doctor                      Treat symptomatically.

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## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media              The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media              Not applicable.

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

Specific hazards                                  None known.

### 5.3. Advice for firefighters

Protective actions during firefighting  
No specific firefighting precautions known.

Special protective equipment for firefighters  
Use protective equipment appropriate for surrounding materials.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions                          Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

Environmental precautions                      The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up                          Take care as floors and other surfaces may become slippery. Collect and dispose of spillage as indicated in Section 13.

### 6.4. Reference to other sections

Reference to other sections                      For personal protection, see Section 8. For waste disposal, see Section 13.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions                                  Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes.

Advice on general occupational hygiene

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions                                  Store in a dry place.

### 7.3. Specific end use(s)

Specific end use(s)                                  The identified uses for this product are detailed in Section 1.2.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits

Ammonium Sulphate                                  Long-term exposure limit (8-hour TWA): LTEL 10Mg/m<sup>3</sup>

Sand (L)    Long-term exposure limit (8-hour TWA): Silica Dust (respirable) WEL 0.1Mg/m<sup>3</sup>

SSP Single Superphosphate (CAS: 8011-76-5)

DNEL Workers - Inhalation; Long term systemic effects: 3.1 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 17.4 mg/kg/day

General population - Inhalation; Long term systemic effects: 0.9 mg/m<sup>3</sup>

General population - Oral; Long term systemic effects: 2.1 mg/kg/day

General population - Dermal; Long term systemic effects: 10.4 mg/kg/day

PNEC - Fresh water; 1.7 mg/l

- Marine water; 0.17 mg/m<sup>3</sup>

- Intermittent release; 17 mg/l

- STP; 10 mg/l

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Potash (CAS: 7447-40-7) DNEL Workers - Dermal; Short term systemic effects: 580 mg/kg/day  
Workers - Dermal; Long term systemic effects: 580 mg/kg/day  
Workers - Inhalation; Short term systemic effects: 292 mg/m<sup>3</sup>  
Workers - Inhalation; Long term systemic effects: 292 mg/m<sup>3</sup>  
PNEC Industry - Fresh water; 0,047 mg/l  
- Marine water; 0,047 mg/l

## 8.2. Exposure controls

Protective equipment	Appropriate engineering controls All handling should only take place in well-ventilated areas.
Eye/face protection	Wear eye protection.
Hand protection	Wear protective gloves.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Respiratory protection	No specific recommendations.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Granules.
Colour	Beige. to Dark brown. or Black.
Odour	Mild.
Odour threshold	Not determined.
pH	Slightly Acidic
Melting point	Not relevant.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Flammability (solid, gas)	The product is not flammable.
Vapour pressure	Not relevant.
Vapour density	Not relevant.
Relative density	Not relevant.
Solubility(ies)	Not known.
Partition coefficient	Not known.
Auto-ignition temperature	Not relevant.
Decomposition Temperature	Not relevant.
Viscosity	Not relevant.
Explosive properties	Not relevant.
Oxidising properties	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

Other information	No information required.
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## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

**10.2. Chemical stability**  
Stability Stable when stored in a dry place.

**10.3. Possibility of hazardous reactions**  
No potentially hazardous reactions known.

**10.4. Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

**10.5. Incompatible materials**  
Materials to avoid None known.

**10.6. Hazardous decomposition products**  
None known.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity – oral (oral LD50)	No specific test data are available.
Acute toxicity - dermal (dermal LD50)	No specific test data are available.
Acute toxicity - inhalation (inhalation LC50)	No specific test data are available.
Skin corrosion/irritation Human skin model	No specific test data are available.
Serious eye damage/irritation	Based on data on mixtures containing 60% single superphosphate, irritation of eyes is assumed.
Respiratory sensitisation	No specific test data are available.
Skin sensitisation	Not determined.
Germ cell mutagenicity	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
Carcinogenicity	No specific test data are available.
Reproductive toxicity - fertility	No specific test data are available.
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
Eye contact	The product is considered to be a low hazard under normal conditions of use. May cause eye irritation.

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## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to be toxic to aquatic organisms.
<b>12.1. Toxicity</b>	The product is not expected to be toxic to aquatic organisms.
<b>12.2. Persistence and degradability</b>	
Persistence and degradability	The product is slowly degradable.
<b>12.3. Bioaccumulative potential</b>	
Partition coefficient	Not known.
<b>12.4. Mobility in soil</b>	
Mobility	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
<b>12.6. Other adverse effects</b>	Not relevant.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

General information	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Reuse or recycle products wherever possible. No specific disposal method required.

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## SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
<b>14.1. UN number</b>	Not applicable.
<b>14.2. UN proper shipping name</b>	Not applicable.
<b>14.3. Transport hazard class(es)</b>	No transport warning sign required.
<b>14.4. Packing group</b>	Not applicable.
<b>14.5. Environmental hazards</b>	
Environmentally hazardous substance/marine pollutant	No.
<b>14.6. Special precautions for user</b>	Not applicable.
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

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## 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). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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## SECTION 16: OTHER INFORMATION

### Reason for revision:

MSDS re-formatted in-line with regulation 453/2010 all sections affected.

### Hazard statements in full

H318: Causes serious eye damage

### Liability

The product label provides information on the use of the product: do not use otherwise, unless you have assessed any potential hazard involved and the safety measures required. Prepared for Health and Safety purposes from the best knowledge available at the time of printing.