

# VITAX SAFETY INFORMATION SHEET

Date of Issue: January 2012

Revision: June 2013

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Name of Product:** VITAX ENHANCE F  
AUTUMN & WINTER (4-1.5-12)

**Use of the Substance/Preparation:** Turf Fertiliser

**Manufacturer/Distributor:** Vitax Limited  
Owen Street  
Coalville  
LE67 3DE Tel: +44 (0)1530 510060 Fax: +44 (0)1530 510299  
Email: info@vitax.co.uk

**Emergency Contact:** Tel: +44 (0)1530 510060

## 2. HAZARDS IDENTIFICATION

**Classification:** This mixture is not classified as dangerous to humans or the environment according to Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formulation Type:**

<b>Hazardous Ingredients:</b>	<b>INGREDIENT</b>	<b>% w/w</b>	<b>CLASSIFICATION</b>	<b>CAS NO</b>	<b>EC NO</b>
	Potassium Nitrate	3-7%	O; R8	7757-79-1	-
	Disodium Octaborate Tetrahydrate	>0.01	T; R60/R61	12 280-03-4	-

## 4. FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:

**Skin Contact:** Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist.

**Eye Contact:** Immediately rinse with clean water for 15 minutes. Obtain medical attention if symptoms persist.

**Ingestion:** Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms arise or persist.

**Inhalation:** If any symptoms arise, remove from source of exposure to fresh air; seek medical attention if symptoms persist.

In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

Additional medical guidance is available to doctors from the National Poisons Information Service.

Note to Physician – no specific antidote. Supportive care. Treatment based on judgement of physician in response to symptoms of patient.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should also be chosen as appropriate for surrounding materials.
<b>Additional Information:</b>	During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Keep containers cool by spraying with water. Contain run-off to prevent entry into water or drainage systems.
<b>Special Protective Equipment:</b>	Wear protective clothing and use self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear appropriate safety clothing and eye/face protection (see EXPOSURE CONTROLS/PERSONAL PROTECTION). Avoid contact with skin and eyes.
<b>Environmental precautions:</b>	Do not wash into sewers or into any body of water. Advise water authority and inform the Environment Agency if large spillage has entered water course or drainage system.
<b>Spillages:</b>	Soak up with sand or other non-combustible absorbent material and place into containers for disposal.

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## 7. HANDLING & STORAGE

<b>Handling:</b>	Use good personal hygiene. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work. Avoid contact with eyes.
<b>Storage:</b>	Product should be stored in compliance with local regulations. Store in a cool, dry, well ventilated place in the original container. Protect from excessive heat and cold. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources and combustible materials.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Parameters:** No Information available  
**Exposure Controls:** Primary hazard considered as handling of concentrate  
Goggles – Eye Protection : goggles/face shield to BS EN166.  
Gloves – BS EN374 – chemical protection.  
Eye Protection – goggles/face shield to BS EN166  
Respirator – BS approved protection device with P3 filter

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Brown solution
pH	4.5-5.5
Relative density	1.19 – 1.23 g/cm <sup>3</sup>
Flash point	Mixture not classified as flammable
Water solubility	Miscible
Other data	None

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## 10. STABILITY & REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid extremes of temperature.
<b>Materials to Avoid:</b>	Information not available
<b>Hazardous Decomposition Products:</b>	Possible Irritant fumes. Toxic and corrosive vapours may be emitted on heating.

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## 11. TOXICOLOGICAL

Mixture has not been assessed for toxicological effects.

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## 12. ECOLOGICAL INFORMATION

### Persistence and Degradability

Information not available

### Bioaccumulative potential

Information not available

### Mobility in soil

Information not available

### Results of PBT and vPvB

Not classified

### Other adverse effects

Information not available

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## 13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with material or used container. Wash out thoroughly. Container and washings must be disposed of safely and in accordance with applicable regulations. The preferred options are to send to licensed reclaimer or to permitted incinerators. Do not re-use container for any purpose.

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## 14. TRANSPORT INFORMATION

**UN number:** Product not classified for transport

**UN proper shipping name:** Product not classified for transport

**Transport hazard:** Product not classified for transport

**Packing group:** Product not classified for transport

**Environmental hazards:** Product not classified for transport

**Special precautions for user:** Product not classified for transport

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:**

Applicable to maritime transport only, check with carrier.

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## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture.**

This substance is classified and labelled in accordance with Directive 1999/45/EC, regulation 1272/2008 and the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations.

### Chemical Safety Assessment

CSA not undertaken for this preparation

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## 16. OTHER INFORMATION

### R phrases assigned to hazardous components:

R8: oxidising

R60: May impair fertility

R61: May cause harm to the unborn child.

### MSDS information:

This Material Safety data sheet is compiled using data submitted for raw materials and practical experience. This product is intended for professional users only.

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

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