

VITAX SAFETY INFORMATION SHEET

Date of Issue: March 2012

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

Name of Product: VITAX SWARDPHITE

Use of the Substance/Preparation: Supplied for use as a professional fertiliser

Manufacturer/Distributor: Vitax Limited
Owen Street
Coalville
LE67 3DE Tel: 01530 510060 Fax: 01530 510299 Email: tech@vitax.co.uk

Emergency Contact: Tel: 01530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

Classification: (according to regulation 1999/45/EEC) calculated using additive method based on contents of individual components and information contained in the Approved Classification and Labelling Guide (sixth edition).

Xn, R22, Xi, R41, R38

Primary Hazard

Risk of serious damage to eyes, irritating to skin.

Label Elements

Vitax SwardPhite

(contains Phosphorous Acid EC: 233-663-1, Potassium Hydroxide EC: 215-181-3)

Full Risk Phrases:

R22: Harmful if swallowed

R41: Risk of serious damage to eyes

R38: Irritating to skin

Safety Phrases:

S23: Do not breathe spray

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection

S60: This material and its container must be disposed of as hazardous waste

Other hazards:

Mixture not classed as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: Mixtures
Hazardous Components

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Chemical Name	CAS-No./ EINECS-No.	Symbol(s)	H-phrase(s)	Concentrations [%]
Phosphorous Acid (70% solution)	10294-56-1 233-663-1	C, Xn	R35, R22	40-45%
Potassium hydroxide (50% solution)	1310-58-3 215-181-3	C, Xn	R35, R22	20-25%
Ammonia (25% solution)	1336-21-6 215-647-6	C, N	R34, R50	20-24%

The full text for all R-Phrases if not displayed in section 2 or 3 are displayed in section 16

4. FIRST AID MEASURES

- Skin & Eye Exposure:** drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.
Eyes: rinse cautiously for several minutes, remove contact lenses if present and easy to do, rinse with clean water for 15 minutes. Obtain IMMEDIATE medical attention.
- Ingestion:** do not induce vomiting. Wash out mouth with water and give water to drink. Obtain IMMEDIATE medical attention.
- Inhalation:** remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

Most important symptoms and effects, both acute and delayed: information not available

Indication of any immediate medical attention and special treatment needed: information not available

5. FIRE FIGHTING MEASURES

- Extinguishing Media:** use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate surrounding materials.
- Additional Information:** special hazards arising from the substance or mixture: possible irritant fumes arising from combustion.
- Advice for fire fighters:** cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus.
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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** use personal protective equipment – appropriate coveralls and gloves, eye/face protection, appropriate respirators, avoid contact with skin and eyes.
- Environmental precautions:** do not allow to enter storm drains or watercourses. If this product enters a water course or a sewer (including via contaminated soil and vegetation) in large quantities contact local water authority and inform the Environment Agency.
- Spillages:** contain spillages. Use absorbent inert material such as sand and contain in suitably labelled acid resistant containers. Neutralise non recoverable remainder.
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7. HANDLING & STORAGE

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Handling: open container with care to avoid splashes. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

Storage: store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters: information not specified
Exposure controls:
Goggles – eye protection: goggles/face shield to BS EN166
Gloves – BS EN374 – chemical protection
Respirators – BS approved protection device with P3 filter

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	colourless solution
Odour	information not available
pH	5.0-7.0
Boiling point	information not available
Melting point	information not available
Flash point	information not available
Evaporation rate	information not available
Flammability	information not available
Upper/lower flammability or explosive limits	information not available
Vapour pressure	information not available
Vapour density	information not available
Specific gravity	1.22 +/- 0.03
Solubility	information not available
Partition coefficient n-octanol/water	information not available
Auto ignition temperature	information not available
Decomposition temperature	information not available
Other data	none

10. STABILITY & REACTIVITY

Reactivity: unknown
Chemical stability: stable under normal conditions
Conditions to Avoid: extremes of temperature
Materials to Avoid: none known
Hazardous Decomposition Products: possible irritant fumes

11. TOXICOLOGICAL INFORMATION

Mixture has not been assessed for toxicological effects. Hazards outlined in section 2 are based on individual component contents listed in section 3.

12. ECOLOGICAL INFORMATION

Mixture NOT classified as dangerous to the environment in accordance with CHIP regulations 2009.

Persistence and degradability: information not available
Bioaccumulative potential: information not available
Mobility in soil: information not available
Results of PBT and vPvB: not classified

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Other adverse effects: information not available

13. DISPOSAL CONSIDERATIONS Waste treatment methods: use only licensed waste disposal companies. Do not re-use empty containers for any purpose.

14. TRANSPORT INFORMATION **UN number:** mixture not classified for transport
UN proper shipping name: mixture not classified for transport
Transport hazard: mixture not classified for transport
Packing group: mixture not classified for transport
Environmental hazards: mixture not classified for transport
Special precautions for user: mixture not classified for transport
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: mixture not classified for transport

15. REGULATORY INFORMATION **Safety, health and environmental regulations/legislation specific for the substance or mixture.** This substance is classified and labelled in accordance with regulation 1999/45/EEC, 1272/2008 and the statutory instrument no. 716 2009 Chemicals (Hazard Information and Packaging) regulations.
Chemical Safety Assessment: CSA not undertaken for this substance

16. OTHER INFORMATION **Other R Phrases assigned to individual ingredients, but not carried to final classification:**
R35: Causes severe burns
R34: Causes burns
R50: Very toxic to aquatic organisms

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.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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 by VITAX LTD, for Health and Safety purposes from the best knowledge available at the time of printing.