



SAFETY INFORMATION SHEET

Date of Issue: March 2012

Revision: Nov 2015

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier:** **SWARDPHITE**
- 1.2 Relevant uses of the substance or mixture and uses advised against:**
Fertiliser
- 1.3 Manufacturer/Distributor:** Vitax Limited
Owen Street
Coalville
LE67 3DE
Tel: 01530 510060 Fax: 01530 510299 Email: tech@vitax.co.uk
- 1.4 Emergency Contact:** Tel: 01530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

- 2.1 Classification** **Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)**
This mixture is not classified as dangerous to humans or the environment
- Primary Hazard** None
- 2.2 Label Elements** There are no statutory labelling requirements under Directive 1999/45/EC, regulation 1272/2008 and regulation 453/2012.
- 2.3 Other Hazards** Mixture not classed as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures** There are no harmful components in this mixture.

4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- 4.1.1 Inhalation** If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop
- 4.1.2 Skin & Eye exposure** Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Obtain medical attention if symptoms develop or persist.
Eyes: Immediately rinse with clean water for 15 minutes. Obtain medical attention if symptoms develop or persist.
- 4.1.3 Ingestion** Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms develop or persist.
- 4.2 Most important symptoms and effects, both acute and delayed**
Information not available
- 4.3 Indication of any immediate medical attention and special treatment needed.**
Information not available

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** 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.
- 5.2 Special Hazards arising from the substance or mixture** Possible irritant fumes arising from combustion
- 5.3 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

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.
Ensure adequate ventilation. Use personal protective equipment, Gloves, Eye protection, Suitable respirator if dust is generated during handling
- 6.2 Environmental Precautions** Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency
- 6.3 Methods and material for containment and cleaning up**
Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.



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6.4 Reference to other sections See also section 8

7. HANDLING AND STORAGE

- 7.1 Precaution for safe handling** Avoid contact with skin and eyes. Wash Hands thoroughly after handling. Do not eat, drink or smoke when using this product
- 7.2 Conditions for safe storage, including any incompatibilities** 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 and strong oxidising agents.
- 7.3 Specific end use(s)** No Information available
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control Parameters** Information not specified.
- 8.2 Exposure controls** The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified. Primary Hazard considered as handling of concentrate. Gloves: to BS EN374 of gauntlet type in Natural Rubber or PVC (not Nitrile) recommended for acid resistance. Clothing: Coveralls/apron to BS EN465/466/467
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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**
- Appearance;** Colourless liquid
- Odour;** No Information available
- Odour threshold;** No Information available
- pH;** 5.0 – 7.0
- Melting point/freezing;** No Information available
- Initial boiling point and boiling range;** Approximately 105 °C
- Flash point;** Not applicable
- Evaporation rate;** No Information available
- Flammability (solid, gas);** Mixture is not classed as flammable
- Upper /lower flammability or explosive limits;** Mixture is not classed as explosive
- Vapour Pressure;** Negligible
- Vapour density;** No Information available
- Specific Gravity;** 1.22 ± 0.03
- Solubility (ies);** Completely miscible with water
- Partition coefficient: n-octanol/water;** No Information available
- Auto ignition temperature;** Not applicable
- Decomposition temperature;** No Information available
- 9.2 Other Information** No other relevant information available
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10. STABILITY AND REACTIVITY

- 10.1 Reactivity** Reacts with alkalis with the evolution of ammonia gas.
- 10.2 Chemical Stability** Stable under normal conditions
- 10.3 Possibility of hazardous reactions** No specific hazardous reactions known.
- 10.4 Conditions to avoid** Extremes of temperature
- 10.5 Incompatible materials** Incompatible with alkalis – ammonia gas is evolved. Corrodes copper and its' alloys
- 10.6 Hazardous decomposition products** Ammonia, nitrogen oxides (NO_x), Potassium Oxides (K₂O).
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11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects** The mixture has not been assessed for toxicological effects, the mixture classification is given in section 2 based on individual component contents. Individual component hazards if any are given in section 3
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12. ECOLOGICAL INFORMATION

- 12.1 Toxicity** Mixture not classified as harmful to aquatic life.
- 12.2 Persistence and degradability** Expected to be biodegradable. Ammonium ions are degraded via the nitrogen cycle.



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12.3 Bioaccumulative potential	This substance is not expected to bioaccumulate.
12.4 Mobility in soil	The product is very soluble in water and is expected to migrate in soils.
12.5 Results of PBT and vPvB	Not classified
12.6 Other adverse effects	Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods	Use only licensed waste disposal companies for unwanted chemical. Do not re-use empty containers for any purpose.
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14. TRANSPORT INFORMATION

14.1 UN number:	Product is unclassified for transport
14.2 UN proper shipping name:	Product is unclassified for transport
14.3 Transport hazard	Product is unclassified for transport
14.4 Packing group:	Product is unclassified for transport
14.5 Environmental hazards:	Product is unclassified for transport
14.6 Special precautions for user:	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

15.1 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 (EC) 1272/2008 and the EC Fertiliser Regulations 2003, 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC)
15.2 Chemical Safety Assessment	CSA not undertaken for this mixture

16. OTHER INFORMATION

SDS information:	This 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, regulation 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.
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