

VITAX SAFETY INFORMATION SHEET

Date of Issue: January 2012

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

Name of Product: VITASIL

Use of the Substance/Preparation: Approved as a professional use 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: This preparation is classified as dangerous under directive 1999/45/EC
Hazardous Components -
Potassium Silicate CAS 16871-90-2 Xi; R36/R38 R41

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type:



IRRITANT

**IRRITATING TO SKIN & EYES
SERIOUS RISK OF DAMAGE TO EYES**

4. FIRST AID MEASURES

Skin & Eye Contact: Rinse immediately with plenty of water. Seek medical advice.
Eyes: irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice

Ingestion: Seek medical advice.

Inhalation: Remove from source of exposure to fresh air; may cause irritation; seek medical attention

Any special measures:

Inhalation – remove from source of exposure to fresh air; may cause irritation; seek medical advice.
Skin & Eye Exposure – rinse immediately with plenty of water. Seek medical advice.
Eyes: irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice.
Ingestion – seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable

Additional Information: Unsuitable extinguishing media: as appropriate for surrounding fire.

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Date of Issue: January 2012

Special Protective Equipment: Special hazards, combustion or by products: combustion gases may cause irritation. Suitable protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent contact with skin and eyes.
Environmental precautions: Do not wash excessive spillages into watercourses. If this product enters water course or sewer (including via contaminated soil and vegetation) contact local agency and/or police immediately. Do not burn.
Clean and Disposal Methods: Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

7. HANDLING & STORAGE

Handling: Open container with care to avoid splashing.
Storage: Store in a cool, dry atmosphere in original, labelled containers. Do not store in metal or alloy packaging. Refer to manufacturer for maximum safe stacking height. No storage quantity limits.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limit values: not determined for product.
Occupational exposure controls: ensure suitable engineering controls for measuring and decanting of product prior to dilution.
Personal Protective Equipment: Primary hazard considered as handling of concentrate.
Gloves: BS EN374 – chemical protection: physical barrier protection only;
Eye Protection: goggles/face shield to BS EN166
Coveralls: suit to BS EN 465/466/467
Footwear: suitable chemical resistant safety footwear

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	colourless solution
Odour	not specified
pH	12.0
Boiling point/range	not specified
Flash point/flammability	not classified as flammable
Explosive properties	not classified as explosive
Oxidising properties	not classified as oxidising
Vapour pressure	not specified
Relative density	1.26 – 1.28
Solubility	not specified
Partition coefficient	not specified
Viscosity	not specified
Vapour density	not specified
Evaporation rate	not specified

10. STABILITY & REACTIVITY

Stability:
Conditions to Avoid: none
Materials to Avoid: none
Hazardous Decomposition Products: possible irritant fumes

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- 11. TOXICOLOGICAL INFORMATION** The preparation has not been assessed at all for this end-point, so its hazardous property in this regards is not known.
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- 12. ECOLOGICAL INFORMATION** Not classified as harmful to the environment.
Ecotoxicity: no specific data available
Mobility: no specific data available
Persistence & degradability: no specific data available
Bioaccumulative potential: this product is not considered to bioaccumulate
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- 13. DISPOSAL CONSIDERATIONS** Dispose of in accordance with local regulations via specialised waste contractor.
Disposal of packaging: use specialist waste contractor in accordance with local regulations. Do not remove labels from containers.
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- 14. TRANSPORT INFORMATION**
- Road
ADR/RID not regulated for carriage
- Sea
IMDG not regulated for carriage
- Air
ICAO/IATA not regulated for carriage
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- 15. REGULATORY INFORMATION** This preparation is classified and labelled in accordance with both regulation 1999/45/EC and The Fertiliser Regulations 2003.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**
S36/7/9: Wear suitable protective clothing, gloves and eye/face equipment.
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- 16. OTHER INFORMATION**
- R36/38: IRRITATING TO SKIN & EYES**
R41: RISK OF SERIOUS DAMAGE TO EYES
- Compiled using data submitted for raw material and practical experience. This product is intended for professional users only.
This safety data sheet is prepared in compliance with Directive 1999/45/EC and Aneex II of the REACH regulation nr. 1097/2006
- 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.