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

- 1.1 Product Identifier:** ORCHID GROWTH FEED
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Plant feed.
- 1.3 Manufacturer/Distributor:** Vitax Ltd, Owen Street, Coalville, Leicestershire LE67 3DE United Kingdom
Tel: ++44 (0)1530 510060 Email: info@vitax.co.uk
- 1.4 Emergency Contact:** Tel: ++44 (0)1530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

- 2.1 Classification:** **Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)**
- Physical hazards** Not Classified
- Health hazards** Not Classified
- Environmental hazards** Not Classified
- 2.2 Label Elements:** n/a
- Signal word:** n/a
- Hazard statements:** n/a
- Precautionary Statements** n/a
- 2.3 Other Hazards:** No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixture:** The product contains no hazardous components declarable under Regulation (EC) No. 1272/2008.

4. FIRST AID MEASURES**4.1 Description of First Aid Measures**

- Eye contact –** Irrigate with water thoroughly. Get medical attention if any discomfort continues.
- Skin contact –** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- Ingestion –** Wash out mouth with water and seek medical advice.
- Inhalation –** Remove to fresh air.

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

Not available

4.3 Indication of immediate medical attention and special treatment needed:

Not available.

5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:** Non flammable
If involved in a fire use water fog, spray, foam or dry powder.
- 5.2 Special hazards arising from substance or mixture:**
In intense heat, product decomposition may release hazardous fumes.
- 5.3 Advice for firefighters:** Wear self-contained breathing apparatus in confined spaces. Contain contaminated run-off.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:** Wash hands and exposed skin after handling.
- 6.2 Environmental precautions:** Do not allow to enter drains or sewers.
- 6.3 Methods and material for containment and cleaning up:**
Soak up with absorbent material such as sand and transfer to suitable container.

7. HANDLING & STORAGE

- 7.1 Precautions for Safe Handling:** Do not block stack pallets.
- 7.2 Conditions for Safe Storage:** Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area. Store clear of foodstuffs and in a separate stack from herbicides.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

No specific personal protective equipment assigned. Normal good industrial hygiene practices should be observed.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance	pale green liquid
Odour	none
pH	4.5 – 5.5
Boiling point	not available
Melting point	not available
Flash point	not available
Flammability	not available
Autoflammability	not available
Explosivity	not available
Oxidising properties	not available
Vapour Pressure	not available
Relative density	1.02
Solubility	soluble in water
Other data	none

10. STABILITY & REACTIVITY

10.1 Reactivity:	no data
10.2 Stability:	Stable under normal conditions.
10.3 Possibility of hazardous reactions	no data
10.4 Conditions to Avoid:	Store away from direct sunlight between 0° and 30°C
10.5 Incompatible materials:	no data.
10.6 Hazardous Decomposition Products:	Decomposes at high temperatures producing toxic nitrogen oxide fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not expected to be hazardous.
Skin corrosion/irritation:	Product is not classified for skin corrosion or irritation
Serious eye damage/irritation:	Product is not classified for eye damage or irritation
Respiratory or skin sensitisation:	Product is not classified for respiratory or skin sensitisation
STOT-single exposure:	No information specified.
STOT-repeated exposure:	No information specified.
Aspiration hazard:	No information specified.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:	Not classified as hazardous. Provides nutrients essential to plant growth.
12.2 Persistence and degradability:	no data
12.3 Bioaccumulative potential:	no data
12.4 Mobility in soil:	no data.
12.5 Results of PBT and vPvB:	not classified.
12.6 Other adverse data:	no data

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:	Disposal route should not permit nitrate contamination of groundwater. Dispose of waste through a reputable waste disposal contractor in accordance with the Environmental Protection Act 1990.
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14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific to this substance:	Not classified as dangerous for supply. This substance is classified and labelled according to Directive EC 1272/2008 Classification, Labelling and Packaging 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.
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15.2 Chemical Safety Assessment not undertaken for this substance

16. OTHER INFORMATION

Reason for revision:

SDS information:

Replaces version dated November 2014. All sections updated.

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.