

# VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: Nov 2014

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

**1.1 Name of Product:** LIQUID GROWMORE

**1.2 Use of the Substance/Preparation:** 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)

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## 2. HAZARDS IDENTIFICATION

**2.1 Classification:** Not classified as dangerous.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Formulation Type:** Compound fluid fertiliser containing 7% nitrogen, 7% phosphorus pentoxide, 7% potassium oxide.

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## 4. FIRST AID MEASURES

**4.1 Description of First Aid Measures** **Eye contact** – irrigate with water thoroughly.  
**Skin contact** – wash hands and exposed skin after use.  
**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**  
**Skin Contact:** unlikely to cause irritation.  
**Eye Contact:** pain and redness.  
**Ingestion:** based on components, product is considered to present little hazard by oral exposure.  
**Inhalation:** unlikely to cause harmful effects under normal handling and use.

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

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## 5. FIRE FIGHTING MEASURES

Non flammable

**5.1 Extinguishing Media:** If involved in a fire use water spray or dry powder.

**5.2 Special hazards arising from substance or mixture:**  
In intense heat, product decomposition will release toxic fumes.

**5.3 Advice for firefighters:** Wear self-contained breathing apparatus in confined spaces. Contain contaminated run-off.

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## 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.

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## 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.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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

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## 9. PHYSICAL & CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

Appearance	brown liquid
Odour	none
pH	6-7
Boiling point	not available
Melting point	N/A
Flash point	N/A
Flammability	N/A
Autoflammability	N/A
Explosivity	N/A
Oxidising properties	N/A
Vapour Pressure	N/A
Relative density	1.2
Solubility	soluble in water
Other data	none

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## 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:** Mildly corrosive if left in contact with ferrous metal.

**10.6 Hazardous Decomposition Products:**  
Decomposes at high temperatures producing toxic nitrogen oxide fumes.

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## 11. TOXICOLOGICAL INFORMATION

Not classified as harmful by inhalation, ingestion or in contact with skin. Ingestion of large quantities may cause gastric disturbance.

To the best of our knowledge physical, chemical and toxicological properties have not been fully investigated.

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## 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. Can cause nitrate contamination of ground waters if used indiscriminately.

**12.5 Results of PBT and vPvB:** not classified.

**12.6 Other adverse data:** no data

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## 13. DISPOSAL CONSIDERATIONS

Disposal route should not permit nitrate contamination of groundwater.

**13.1 Waste treatment methods:** 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.

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**15. REGULATORY INFORMATION** Not classified as dangerous for supply.

**15.1 Safety, health and environmental regulations/legislation specific to this substance:**

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

**15.2 Chemical Safety Assessment** not undertaken for this substance

**16. OTHER INFORMATION**

Reason for revision: MSDS re-formatted in-line with regulation 453/2010 all sections affected. 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.