

# VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2009

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

**Name of Product:** Q4HN

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

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## 2. HAZARDS IDENTIFICATION

**Classification:** Not classified as dangerous.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formulation Type:** Compound fertiliser **pellet** comprising 10% nitrogen, 7.5% phosphorus pentoxide and 10.2% potassium oxide and containing 3% magnesium oxide with trace elements.

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## 4. FIRST AID MEASURES

Accidental over-exposure may result in the following symptoms:

**Skin Contact:** repeated and/or prolonged contact may cause irritation.

**Ingestion:** may cause irritation of gastro intestinal tract leading to nausea, vomiting, abdominal pain and diarrhoea.

**Eye Contact:** **not expected to present a significant hazard.**

**Inhalation:** **not expected to present a significant hazard.**

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

Eye contact – irrigate with water thoroughly and seek medical advice.

Skin contact – wash with soap and water. Remove and wash contaminated clothing.

Ingestion – rinse out mouth with plenty of water and seek medical aid immediately.

Inhalation – remove to fresh air and seek medical aid.

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## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Extinguish with water spray or dry powder. Contain contaminated run-off.

**Additional Information:** Not flammable. In intense heat, product decomposition will release hazardous nitrogen and sulphur oxide fumes.

**Special Protective Equipment:** Wear self-contained breathing apparatus in confined spaces.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

**Environmental precautions:**

**Spillages:** Sweep up carefully to minimise dust. Transfer to heavy duty plastic bags or drums and keep safe for disposal. Refer to exposure controls/personal protection and disposal considerations for further details.

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## 7. HANDLING & STORAGE

**Handling:**

Do not block stack pallets.

**Storage:**

Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area away from foodstuffs and herbicides.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure standards have been established for nuisance dusts. Normal good hygiene standards should be observed. Do not eat, drink or smoke when handling spillage. Wear gloves, overalls, goggles, and dust mask where dust cannot

be

adequately controlled by engineering measures.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance

buff coloured pellet

Odour

faint organic odour

pH

not applicable - solid

Boiling point

decomposes under intense heat

Melting point

decomposes under intense heat

Flash point

none

Flammability

not flammable

Autoflammability

none

Explosivity

none

Oxidising properties

none

Vapour Pressure

not applicable

Relative density

not applicable

Solubility

contains > 20% water insoluble matter

Other data

none

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## 10. STABILITY & REACTIVITY

**Stability:**

Stable under normal conditions.

**Conditions to Avoid:**

Avoid high temperatures.

**Materials to Avoid:**

**Hazardous Decomposition Products:**

Product decomposition under intense heat may release toxic nitrogen and sulphur fumes.

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## 11. TOXICOLOGICAL

Based on product components, ingestion of large quantities may cause abdominal pain, nausea, vomiting, diarrhoea and in severe cases convulsions and blood disorders.

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

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## 12. ECOLOGICAL INFORMATION

Product contains nutrients essential to plant growth. Do not exceed recommended application rates.

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## 13. DISPOSAL CONSIDERATIONS

Dispose of through a reputable waste disposal contractor in accordance with the Environmental Protection Act 1990.

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## 14. TRANSPORT INFORMATION

Not classified as dangerous for carriage.

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**15. REGULATORY INFORMATION** Not classified as dangerous for supply. Occupational Exposure Standards for nuisance dusts in air 10 mg/m<sup>3</sup> (8 hr) total inhalable, total respirable 5 mg/m<sup>3</sup> (8 hr).

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**16. OTHER INFORMATION** 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.

The classification of this preparation was carried out in accordance with directive 1999/45/EC and subsequent amendments modified by directive 2006/08/EC, taking account the directive 67/548/EC (Dangerous substances) modified by directive 2004/73/EC and Regulation (EC) 1907/2006 (REACH).