

# SAFETY DATA SHEET

Date of Issue: February 2004  
Revision: December 2020

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier** Q4HN (NPK 10 7.5 10.2)  
**CONIFER & SHRUB**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Fertiliser
- 1.3. Details of the supplier of the safety data sheet**  
Vitax Limited, Owen Street, Coalville, Leicestershire LE67 3DE  
Tel: +44 (0) 1530 510060 E mail: info@vitax.co.uk
- 1.4. Emergency telephone number** Tel: +44 (0) 1530 510060 Mon - Fri 9am - 5pm

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]  
Not classified
- 2.2. Label elements** No labelling applicable
- 2.3. Other hazards** No relevant data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substances** Not applicable
- 3.2. Mixtures** This product does not contain any hazardous ingredients above declarable thresholds in accordance to EU regulations or National regulations.

INGREDIENT	CAS/EINECS	Classification	% w/w
Ferrous sulphate monohydrate	17375-41-6	Acute tox 4 H302 Skin irr 2 H315 Eye irr 2 H319	<1%

## SECTION 4: FIRST AID MEASURES

- 4.1. Description of first aid measures**
- Inhalation: Remove victim to fresh air. Consult a doctor in the event of any complaints.
- Ingestion: Wash out mouth with water. Consult a doctor in the event of any complaints.
- Skin contact: Remove contaminated clothing. Wash off with water. Consult a doctor in the event of any complaints.
- Eye contact: Wash out with plenty of water for at least 10 minutes. After initial flushing, remove any contact lenses and continue flushing. Consult a doctor in the event of any complaints.
- Protection of first-aiders: Avoid exposure. Use appropriate protection (see section 8).
- 4.2. Most important symptoms and effects, both acute and delayed**  
No specific effects and/or symptoms have been reported or known.
- 4.3. Indication of any immediate medical attention and special treatment needed**  
No relevant data available

## SECTION 5: FIRE FIGHTING MEASURES

- 5.1. Extinguishing media** All types of extinguishing agent permitted.
- 5.2. Special hazards arising from the substance or mixture**
- Unusual fire/explosion hazards: Danger of explosion when rising in clouds: prevent formation of clouds of dust.
- Hazardous combustion products: Burning may produce: nitrogen oxides and carbon monoxide.
- 5.3. Advice for fire-fighters** Dike fire control water for later disposal.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**  
Personal precautions: Dust filter
- 6.2. Environmental precautions** Prevent dispersion
- 6.3. Methods and material for containment and cleaning up**  
Collect in containers
- 6.4. Reference to other sections** No relevant data available

## SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling**  
Handling: Prevent formation of clouds of dust. Remove all kinds of dust layers.

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## 7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep in a cool, dry place. Keep away from water and moisture.  
Packaging materials suitable: Keep in bags or containers. Keep container tightly closed in a cool place.

7.3. Specific end use(s) No relevant data available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Engineering measures: Local exhaust recommended.  
Ferrous Sulphate Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

### 8.2. Exposure controls

Personal protective equipment:  
Respiratory system: In case of insufficient ventilation, wear suitable respiratory equipment: dust filter.  
Skin and body: No specific personal protection is required.  
Hands: No specific personal protection is required.  
Eyes: No specific personal protection is required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state: Solid  
Colour: Brownish.  
Odour: Characteristic.  
Decomposition temperature: 200 - 250 °C  
Solubility in water: Suspension  
Flammability: Heating may cause: fire.  
Explosion properties: Danger of explosion when rising in clouds.

9.2. Other information No relevant data available

## SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity No relevant data available  
10.2. Chemical stability Stable under normal conditions.  
10.3. Possibility of hazardous reactions No relevant data available  
10.4. Conditions to avoid Avoid contact with moisture, water, heat and combustible substances.  
10.5. Incompatible materials No relevant data available  
10.6. Hazardous decomposition products Ammonia

## SECTION 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 are given in section 3

Acute toxicity Not classified as hazardous  
Irritation Not classified as hazardous  
Corrosivity: Not classified as hazardous  
Sensitisation  
Skin sensitisation: Not classified as hazardous  
Repeated dose toxicity: No known significant effects or critical hazards.  
Carcinogenicity: No known significant effects or critical hazards.  
Mutagenicity: No known significant effects or critical hazards.  
Toxicity for reproduction: No known significant effects or critical hazards.

## SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity No relevant data available  
12.2. Persistence and degradability The product is biodegradable.  
12.3. Bio accumulative potential No relevant data available  
12.4. Mobility in soil No relevant data available  
12.5. Results of PBT and vPvB assessment No relevant data available  
12.6. Other adverse effects No relevant data available

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods  
Methods of disposal: Disposal according to the local legislation.

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Waste of residues:  
Contaminated packaging:

Keep waste separate. Remove as industrial waste.  
After appropriate cleaning, the packaging can be re-used

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## SECTION 14: Transport information

- |   |                                     |
|---|-------------------------------------|
| 14.1. UN number   | Not applicable.                     |
| 14.2. UN proper shipping name   | Not applicable.                     |
| 14.3. Transport hazard class(es)  | No transport warning sign required. |
| 14.4. Packing group   | Not applicable.                     |
| 14.5. Environmental hazards   | Not applicable.                     |
| 14.6. Special precautions for user  | Not applicable.                     |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable.                     |

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## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This product does not contain any hazardous ingredients in accordance to EU regulations. National regulations United Kingdom: No additional national regulations are known to the supplier.

### 15.2. Chemical safety assessment

No relevant data available

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## SECTION 16: OTHER INFORMATION

### Reason for revision:

### Liability

Replaces version dated 16 May 2014. Sections 1, 3, 8, 11 updated  
The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.