

# VITAX SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision: Jan 2015

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

- 1.1 Product Identifier:** STAY WET
- 1.2 Relevant uses of the substance or mixture and uses advised against:**  
Water absorbent granule  
**Uses advised against:** The use of the substance should be limited to those specified on the label
- 1.3 Details of the supplier of the safety data sheet:**  
Vitax Limited  
Owen Street  
Coalville  
LE67 3DE
- 1.4 Emergency phone number** Tel: 01530 510060 Fax: 01530 510299 Email: tech@vitax.co.uk

## 2. HAZARDS IDENTIFICATION

- 2.1 Classification:** Not classified as dangerous.
- 2.2 Label Elements:** n/a.
- 2.3 Other Hazards:** n/a.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures:** Water absorbent polyacrylamide granule.
- | INGREDIENT | CAS/EINECS | Classification | % w/w |
|------------|------------|----------------|-------|
| n/a        |            |                |       |

## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures

**Eye contact** – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Skin contact** – immediately wash with soap and water. If skin irritation occurs consult a doctor.

**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

No special hazards reported.

### 4.3 Indication of immediate medical attention and special treatment needed:

n/a

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Non flammable

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.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions:

Avoid inhalation of dust and contact with skin and eyes. 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:

Sweep up carefully to avoid raising dust and transfer to suitable marked 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.
- 7.3 Specific end use:** Fertiliser.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters:** Dust (total inhalable) LTEL 10 mg/m<sup>3</sup> (8hr TWA).  
Dust (respirable) LTEL 4 mg/m<sup>3</sup> (8hr TWA).
- 8.2 Exposure Controls:** 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                    | grey to light brown granular solid |
| Odour                         | none                               |
| pH                            | approx 6                           |
| Boiling point                 | N/A                                |
| Melting point                 | N/A                                |
| Flammability                  | N/A                                |
| Flammability limit (% v/v)    | N/A                                |
| Autoflammability              | N/A                                |
| Explosivity                   | N/A                                |
| Oxidising properties          | N/A                                |
| Vapour Pressure               | N/A                                |
| Relative density              | 700 ± 50 kg/m <sup>3</sup>         |
| Solubility                    | insoluble but swells to form gel   |
| <b>9.2 Other Information:</b> | LogPow                             |
|                               | 0                                  |

## 10. STABILITY & REACTIVITY

- 10.1 Reactivity:** no data
- 10.2 Stability:** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** Reacts with strong alkalis to release ammonia
- 10.4 Conditions to Avoid:** Store away from heat
- 10.5 Incompatible materials:** Strong oxidising agents, alkalis.
- 10.6 Hazardous Decomposition Products:**  
Decomposes at high temperatures producing toxic hydrocyanic acid, carbon and nitrogen oxide fumes.

## 11. TOXICOLOGICAL

### Acute Toxicity

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Oral</b>             | LD50 : >5000 mg/kg (rat) estimated |
| <b>Dermal</b>           | LD50 : >2000 mg/kg (rat) estimated |
| <b>Skin Irritation:</b> | No irritant effect.                |
| <b>Eye Irritation :</b> | Moderate eye irritation.           |
| <b>Sensitisation:</b>   | Not sensitizing                    |

## 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Fish - not considered toxic due to low solubility  
Daphnia - not considered toxic due to low solubility  
Algae - not considered toxic due to low solubility
- 12.2 Persistence and degradability:** Not readily biodegradable
- 12.3 Bioaccumulative potential:** Does not bioaccumulate

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|                                      |                 |
|--------------------------------------|-----------------|
| <b>12.4 Mobility in soil:</b>        | LogPow 0        |
| <b>12.5 Results of PBT and vPvB:</b> | not classified. |
| <b>12.6 Other adverse data:</b>      | no data         |

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods European waste catalogue:

In accordance with local, state and federal waste legislation.

### 13.2 Uncleaned packagings:

#### Recommendation:

Can be landfilled or incinerated in accordance with local, state and federal waste legislation.

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## 14. TRANSPORT INFORMATION

Not classified as dangerous for carriage.

### 14.1 UN number:

Product is unclassified for transport

### 14.2 UN proper shipping name:

Product is unclassified for transport

### 14.3 Transport hazard

Product is unclassified for transport

### 14.4 Packing group:

Product is unclassified for transport

### 14.5 Environmental hazards:

Product is unclassified for transport

### 14.6 Special precautions for user:

Product is unclassified for transport

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Applicable for Maritime bulk transport only. Check with carrier.

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## 15. REGULATORY INFORMATION

Not classified as dangerous.

### 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, 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.

#### Inventory

JAPAN (ENCS)

#### Status

E: All ingredients are on the inventory or exempt from listing.

### 15.2 Chemical Safety Assessment

not undertaken for this substance

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## 16. OTHER INFORMATION

### Further Information

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### Reason for revision:

#### Legend:

RID:

Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO:

International Civil Aviation Organization

ADR:

Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG:

International Maritime Code for Dangerous Goods

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|         |   |
|---------|---|
| IATA:   | International Air Transport Association                                 |
| GHS:    | Globally Harmonized System of Classification and Labelling of Chemicals |
| EINECS: | European Inventory of Existing Commercial Chemical Substances           |
| CAS:    | Chemical Abstracts Service (division of the American Chemical Society)  |
| PNEC:   | Predicted No-Effect Concentration (REACH)                               |
| LC50:   | Lethal concentration, 50 percent  |
| LD50:   | Lethal dose, 50 percent   |

**Liability**

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.