



SAFETY INFORMATION SHEET

Date of Issue: October 2016

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

1.1 Product Identifier	Q4 ROOTMORE SOLUBLE
1.2 Use of the substance/preparation	Growth supplement.
1.3 Company identification	Vitax Limited Owen Street Coalville LE67 3DE Tel: 01530 510060 Fax: 01530 510299 Email: info@vitax.co.uk
1.4 Emergency telephone	Tel: +44 (0) 1530 510060 during office hours

2. HAZARDS IDENTIFICATION

2.1 Classification:

Classification (REGULATION (EC) No 1272/2008)

This product does not meet the criteria for classification in any hazard class.

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not Classified.

2.3 Other hazards

Contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General information

No specific recommendations.

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Not available

4.3 Indication of immediate medical attention and special treatment needed:

No specific recommendations.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Extinguish with the following media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

Water.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Oxides of carbon.

5.3 Advice for firefighters

Protective actions during firefighting

Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate..

6.2 Environmental precautions

No negative effects on the aquatic environment are known.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and



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6.4 Reference to other sections	contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Not applicable
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7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Usage precautions	This product is not hazardous however, based on the precautionary principle, all products which contain microorganisms should be considered to have the potential to provoke sensitising reactions. Handle all packages and containers carefully to minimise spills. Wear protective clothing as described in Section 8 of this safety data sheet.
7.2 Conditions for safe storage, including any incompatibilities	
	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.
7.3 Specific end use(s)	no data available

8. PHYSICAL AND CHEMICAL PROPERTIES	
8.1 Control parameters	
Ingredient comments	No exposure limits known for ingredient(s).
8.2 Exposure controls	
Personal protective equipment	
Eye/face protection:	Wear eye protection.
Hand protection	Wear protective gloves.
Skin and body protection:	Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
Hygiene measures:	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection:	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance:	powder
Colour:	brown
Odour:	characteristic
pH	Not available
Melting point/range	Not available.
Boiling point/boiling range	Not available.
Flash point	Not available
Flammability (solid, gas)	The product is not flammable.
Upper explosion limit	Not applicable
Lower explosion limit	Not applicable
Vapour pressure	Not applicable
Density	Not available
Solubility	Not available
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
9.2 Other information	no data available

10. STABILITY AND REACTIVITY	
10.1 Reactivity	no data available.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	Will not polymerise.
10.4 Conditions to avoid	Avoid heat, flames and sources of ignition
10.5 Incompatible materials	Strong oxidising agents, strong acids, strong alkalis.
10.6 Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	
General information	No specific health hazards known.



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Inhalation	Dust in high concentrations may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Powder may irritate skin.
Eye contact	Particles in the eyes may cause irritation and smarting.
Acute and chronic health hazards	No specific health hazards known.
Medical symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations	May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Product expected to pose no hazard to the environment.
12.2 Persistence and degradability	
Biodegradability	Product expected to be biodegradable.
12.3 Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).
12.6 Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
General information	Waste is suitable for incineration.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
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 MARPOL 73/78 and the IBC Code	Not applicable for product as supplied.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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) (as amended).
Guidance	Workplace Exposure Limits EH40.
15.2 Chemical Safety Assessment	Not conducted for this product

16. OTHER INFORMATION

Abbreviations	
IMDG:	International Maritime Dangerous Goods
IATA:	International Air Transport Association
ADR/RID:	Agreement on the transport of dangerous goods by road/Regulations on the international transport of dangerous goods by rail
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, in-formation and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.