

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Vitomex

Revision 8

Revision date 2015-10-08

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	Vitomex
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Fertiliser.
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#### 1.3. Details of the supplier of the safety data sheet

Company	Omex Agriculture Ltd
Address	Bardney Airfield Tupholme Lincoln LN3 5TP United Kingdom
Web	www.omex.co.uk
Telephone	01526 396000
Fax	01526 396001
Email	enquire@omex.com
Email address of the competent person	Safety@omex.com

#### 1.4. Emergency telephone number

Emergency telephone number	01526 396000 9 - 5 Mon - Fri
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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#### 2.2. Label elements

Risk phrases	No Significant Hazard
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#### 2.3. Other hazards

Other hazards	None.
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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Citric Acid		5949-29-1	201-069-1		1 - 10%	Xi; R36	
Disodium EDTA		139-33-3	205-358-3		1 - 10%	Xi; R36 R52/53	

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## 3.2. Mixtures

### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Citric Acid		5949-29-1	201-069-1		1 - 10%	Eye Irrit. 2: H319;	
Disodium EDTA		139-33-3	205-358-3		1 - 10%	Eye Irrit. 2: H319; Aquatic Chronic 3: H412;	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Inhalation of vapour may cause shortness of breath. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water.
Skin contact	No sensitization effects reported. Wash with soap and water.
Ingestion	May cause irritation to mucous membranes.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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### 6.4. Reference to other sections

	See section 2, 8, 13 for further information.
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## SECTION 7: Handling and storage

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## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities


	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## 7.3. Specific end use(s)

	Fertiliser.
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## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Blue
Odour	Slight
pH	4.5 - 5.8
Melting point	Not determined
Initial boiling point	Not determined
Flash point	Not applicable.
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not determined
Vapour density	Not applicable.
Relative density	1.35 - 1.38 (H <sub>2</sub> O = 1 @ 20 °C)
Partition coefficient	Not determined
Autoignition temperature	Not applicable.
Viscosity	Not determined
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

### 9.2. Other information

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## 9.2. Other information

Conductivity	Not determined
Surface tension	Not determined
Specific gravity	1.35 - 1.38 g/cm <sup>3</sup>
Gas group	Not applicable.
Benzene Content	Not determined
Lead content	Not determined
VOC (Volatile organic compounds)	Not determined

## Water solubility

	Soluble in water.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Avoid contact with: Strong bases.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No data is available on this product.
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## 10.4. Conditions to avoid

	Burning produces obnoxious and irritating fumes.
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## 10.5. Incompatible materials

	Strong bases.
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## 10.6. Hazardous decomposition products

	No data is available on this product.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
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## 11.1.4. Toxicological Information

	Not determined
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## SECTION 12: Ecological information

## 12.1. Toxicity

	Not determined
	No data is available on this product.

## 12.2. Persistence and degradability

	Readily biodegradable.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## Partition coefficient

	Vitomex Not determined	Citric Acid Not determined
	Disodium EDTA No data available	

## 12.4. Mobility in soil

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**12.4. Mobility in soil**

Miscible in water.

**12.5. Results of PBT and vPvB assessment**

Caution - substance not yet fully tested.

**12.6. Other adverse effects**

May cause long-term adverse effects in the aquatic environment.

**SECTION 13: Disposal considerations****General information**

Dispose of in compliance with all local and national regulations.

**Disposal methods**

Contact a licensed waste disposal company.

**Disposal of packaging**

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

**SECTION 14: Transport information****14.1. UN number**

The product is not classified as dangerous for carriage.

**14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

**14.3. Transport hazard class(es)**

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****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. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.

**15.2. Chemical safety assessment**

No data is available on this product.

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**SECTION 16: Other information****Other information**

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>12 - 12.1. Toxicity.</li> </ul>
<b>Text of risk phrases in Section 3</b>	<p>R36 - Irritating to eyes. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>

**Further information**

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.</p>
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