

## **1. Identification of the substance/mixture and of the company/undertaking**

### 1.1 Product Identifier:

Onion Fertiliser (Organic)

### 1.2 Relevant uses of the substance or mixture and uses advised against:

Supplied for use as a fertiliser.

### 1.3 Details of the supplier of the safety data sheet:

Chempak Products  
Thompson & Morgan  
Poplar Lane  
Ipswich  
Suffolk  
IP8 3BU

Contact: The Safety Officer

Telephone Number: 01473 588688 (Monday – Friday 8am to 5pm)

Or visit [www.chempak.com](http://www.chempak.com)

### 1.4 Emergency telephone number:

Emergency Telephone Number: 01473 588688 (Monday – Friday 8am to 5pm)

## **2. Hazards identification**

### 2.1 Classification of the substance or mixture

CLASSIFICATION according to Directive EC 1272/2008 Classification, Labelling and Packaging

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

CLASSIFICATION according to Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation

Not a hazardous substance or mixture according to Directive 1999/45/EC.

### 2.2 Label Elements

No labelling elements according to Regulation (EC) No. 1272/2008.

### 2.3 Other Hazards

No information available

## 3. Composition/information on ingredients

### 3.2 Mixtures

This product contains no reportable hazardous substances.

## 4. First aid measures

### 4.1 Description of first aid measures

#### 4.1.1 Inhalation

Keep patient calm, remove to fresh air and seek medical attention. If unconscious place in recovery position and seek medical advice.

#### 4.1.2 Skin & Eye exposure

Skin: Wash off with soap and water

Eyes: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist or develop.

#### 4.1.3 Ingestion

Wash out mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

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

Information not specified.

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

Treat symptomatically.

## 5. Firefighting measures

### 5.1 Extinguishing media

Product is not classified as flammable. Use extinguishing media suitable for surrounding materials, e.g. Water; Water spray; Foam; Carbon Dioxide (CO<sub>2</sub>); Dry powder.

### 5.2 Special Hazards arising from the substance or mixture

Information not specified.

### 5.3 Advice for fire-fighters

In the event of fire, wear self-contained breathing apparatus and protective suit. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## 6. Accidental release measures

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

Avoid dust formation. Ensure adequate ventilation. Wear protective gloves. Wash hands thoroughly after handling. Avoid contact with eyes.

### 6.2 Environmental precautions

Avoid contamination of streams and waterways.

### 6.3 Methods and material for containment and cleaning up

Sweep or scoop up and collect for disposal. Flush area with lots of water. Dispose of contaminated wash water in accordance with local regulations.

### 6.4 Reference to other sections

For personal protection see section 8.

## 7. Handling and storage

### 7.1 Precaution for safe handling

Use with adequate ventilation. Wash hands thoroughly after working with this product.

Wear protective gloves/protective clothing. Do not eat, drink or smoke while using this product.

Clean contaminated clothing.

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

Store in a cool, dry place in original labelled container.

### 7.3 Specific end use(s)

Always read the label and product information before use.

## 8. Exposure controls and personal protection

### 8.1 Control Parameters

There are no exposure limits for this product.

### 8.2 Exposure controls

Engineering controls:

Ensure adequate ventilation. Avoid dust generation.

Personal protective equipment:

Gloves (tested to EN 374).

Safety glasses (according EN 166).

Protective clothing.

## **9. Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance; Brown granular product.

Odour; Light organic smell.

pH (concentrated): n/a

pH (10% water solution): 6-7

Boiling point: n/a

Melting point: n/a

Flash point: n/a

Flammability (solid, gas): Not under normal circumstances

Auto-ignition temperature: Not known

Explosive properties: None

Oxidising properties: Do not mix with reactive compounds

Vapour pressure: n/a

Specific gravity: 650g – 700 g/L

Solubility: In water, partly water soluble. Not known if soluble in fat

Partition coefficient: noctanol/ water: Not known

Vapour density Not known

### 9.2 Other Information

Information not specified

## **10. Stability and reactivity**

### 10.1 Reactivity

Information not available.

### 10.2 Chemical Stability

Stable under normal conservative conditions. Sensitive to microbial decomposition.

### 10.3 Possibility of hazardous reactions

Information not specified.

### 10.4 Conditions to avoid

Protect from moisture. Avoid humidity.

### 10.5 Incompatible materials

Avoid reactive products and oxidising agents.

### 10.6 Hazardous decomposition products

Information not specified.

## **11. Toxicological information**

### 11.1 Information on toxicological effects

In case of eye contact: irritation

In case of skin contact: slight irritation in the case of sensitive skin

In case of inhalation: irritation

In case of swallowing: dizziness, stomach and intestinal complaints, nausea

## **12. Ecological information**

### 12.1 Toxicity

Eutrophication of water and inducing growth of algae in water.

### 12.2 Persistence and degradability

Microbial decomposition and absorption by living organisms.

### 12.3 Bioaccumulative potential

Information not available.

### 12.4 Mobility in soil

Information not available.

### 12.5 Results of PBT and vPvB

Information not available.

### 12.6 Other adverse effects

Increase of salt level in surface and water.

## **13. Disposal considerations**

### 13.1 Waste Treatment Methods

Check if agriculture use is possible. Dispose of product/container in accordance with local and national regulations. Do not burn in open air.

## **14. Transport information**

14.1 UN number: No Information available

14.2 UN proper shipping name: No Information available

14.3 Transport hazard: No Information available

14.4 Packing group: No Information available

14.5 Environmental hazards: Not a marine pollutant

14.6 Special precautions for user: No Information available

14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: No information available

## **15. Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. This substance/mixture is classified and labelled in accordance with Regulation EC 1272/2008, Directive 1999/45/EC, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, 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.

15.2 Chemical Safety Assessment  
CSA not undertaken for this product

## **16. Other information**

SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience.

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, Regulation 1272/2008 and Annex I of the REACH Regulation 453/2010.

The information given herein is, to the best of our knowledge, correct and is presented in good faith but no warranty, expressed or implied is given.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information 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 of 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 material or in any process, unless specified in the text.