



# SAFETY DATA SHEET

Date of Issue: February 2004

Revision: December 2020

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

### 1.1 Product Identifier:

**BONEMEAL**

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

Identified uses

Fertiliser

Uses advised against

No specific uses advised against are identified.

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

Supplier

Vitax Ltd, Owen Street, Coalville, Leics LE67 3DE United Kingdom  
Tel: 01530 510060

### 1.4. Emergency telephone number

Emergency telephone

+44 (0) 1530 510060 (Monday to Friday 9:00-17:00 GMT)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

This mixture is not classified as dangerous to humans or the environment.

### 2.2 Label Elements

There are no statutory labelling requirements under regulation 1272/2008 and regulation 453/2012.

### 2.3 Other Hazards

Mixture not classed as PBT or vPvB

Contains no hazardous ingredients - Category 3 Animal by-product

This organic fertiliser/soil improver is not intended for use for use in animal/human feed. A local risk assessment should be conducted to ensure the suitability for use where food or animal feedingstuffs could become contaminated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

There are no components at concentrations classified as hazardous according to Directive EC 1272/2008 Classification, Labelling and Packaging.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

#### Skin & Eye exposure

Skin: Wash exposed areas of skin with soap and water following use. Wash all contaminated clothing before re-use.

Eyes: Immediately rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

#### Ingestion

Do not induce vomiting. 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

No information available.

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

No information available.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable. As such extinguishing media appropriate for surrounding materials should be chosen.

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

Possible irritant fumes arising from product decomposition.

### 5.3 Advice for fire-fighters

Contain spread of extinguishing fluids. Wear self-contained breathing apparatus in confined spaces.

## 6. ACCIDENTAL RELEASE MEASURES

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

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified. Ensure adequate ventilation. Use personal protective equipment: gloves, eye protection, suitable respirator if dust is generated during handling.

### 6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency.

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## 6.3 Methods and material for containment and cleaning up

Sweep up, avoiding generating dust and store in labelled containers for recovery or contact specialist waste disposal contractor.

## 6.4 Reference to other sections

See also section 8

## 7. HANDLING AND STORAGE

### 7.1 Precaution for safe handling

Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

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

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials and strong oxidising agents.

### 7.3 Specific end use(s)

No information available

## 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

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified. Primary Hazard considered as handling of concentrate. Gloves: to BS EN374 of gauntlet type in Natural Rubber or PVC (not Nitrile) recommended for acid resistance. Clothing: Coveralls/apron to BS EN465/466/467

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance; buff brown powder  
Odour; faint organic  
Odour threshold; no information available  
pH; no information available  
Melting point; no information available  
Initial boiling point; no information available  
Flash point; no information available  
Evaporation rate; no information available  
Flammability; not classed as flammable  
Upper /lower flammability or explosive limits; Mixture is not classed as explosive  
Vapour Pressure; no information available  
Vapour density; no information available  
Specific Gravity; no information available  
Solubility (ies); no information available  
Partition coefficient: n-octanol/water; no information available  
Auto ignition temperature; no information available  
Decomposition temperature; no information available

### 9.2 Other Information

No other relevant information available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions of storage and use

### 10.2 Chemical Stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Information not available

### 10.4 Conditions to avoid

Extremes of temperature

### 10.5 Incompatible materials

None known

### 10.6 Hazardous decomposition products

Possible irritant nitrogen oxide fumes

## 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



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|                                   |                                                   |
|-----------------------------------|---------------------------------------------------|
| <b>Repeated dose toxicity:</b>    | No known significant effects or critical hazards. |
| <b>Carcinogenicity:</b>           | No known significant effects or critical hazards. |
| <b>Mutagenicity:</b>              | No known significant effects or critical hazards. |
| <b>Toxicity for reproduction:</b> | No known significant effects or critical hazards. |

## 12. ECOLOGICAL INFORMATION

|                                           |                                                    |
|-------------------------------------------|----------------------------------------------------|
| <b>12.1 Toxicity</b>                      | Mixture Classified as not toxic to the environment |
| <b>12.2 Persistence and degradability</b> | Information not available                          |
| <b>12.3 Bioaccumulative potential</b>     | Information not available                          |
| <b>12.4 Mobility in soil</b>              | Information not available                          |
| <b>12.5 Results of PBT and vPvB</b>       | Not classified                                     |
| <b>12.6 Other adverse effects</b>         | Information not available                          |

## 13. DISPOSAL CONSIDERATIONS

|                                     |                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>13.1 Waste Treatment Methods</b> | Use only licensed waste disposal companies for unwanted chemical. Do not re-use empty containers for any purpose. |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

|                                                                                      |                                                                  |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>14.1 UN number:</b>                                                               | Product is unclassified for transport                            |
| <b>14.2 UN proper shipping name:</b>                                                 | Product is unclassified for transport                            |
| <b>14.3 Transport hazard</b>                                                         | Product is unclassified for transport                            |
| <b>14.4 Packing group:</b>                                                           | Product is unclassified for transport                            |
| <b>14.5 Environmental hazards:</b>                                                   | Product is unclassified for transport                            |
| <b>14.6 Special precautions for user:</b>                                            | No information available                                         |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b> | Applicable for Maritime bulk transport only. Check with carrier. |

## 15. REGULATORY INFORMATION

|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.</b> | <p>This substance is classified and labelled according to Directive EC 1272/2008 Classification, Labelling and Packaging 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.</p> <p>This organic fertiliser/soil improver is produced in accordance with Regulation (EC) No 1069/2009 laying down health rules for animal by products not intended for human consumption and The Animal By-Products (Enforcement) (England) Regulations 2011.</p> |
| <b>15.2 Chemical Safety Assessment</b>                                                                      | CSA not undertaken for this substance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## 16. OTHER INFORMATION

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|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reason for revision:</b> | Replaces version dated Dec 2015. Sections 1, 11 updated.                                                                                                                                                                                                                                                                                                                                         |
| <b>SDS information:</b>     | <p>This Safety data sheet is compiled using data submitted for raw materials and practical experience. This Safety Data Sheet is prepared in compliance with regulation 1272/2008 and Annex I of the REACH regulation 453/2010.</p> <p>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.</p> |