

# 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

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## 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

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## 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

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## 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

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## 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

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## 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.

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## 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

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## 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.
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## 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.

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## 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

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## 16. OTHER INFORMATION

<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>