



**Safety Data Sheet
VitaLink Bat Guano**

**Date: 06.03.2018
Revision Date: N/A
Version: 1**

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

1.1 Product Identifier

Substance or preparation trade name: VitaLink Bat Guano
REACH Registered number(s): N/A
CAS number:N/A
EINECS number: N/A
Synonyms:N/A

1.2 Relevant identified use of the substance or mixture and uses advised

Use of substance/mixture: VitaLink Bat Guano provides a rich, potent organic fertilizer which ensures rapid, high quality root growth and flower development.

1.3 Company/undertaking name and address:

Company Name: Hydrogarden
Unit 2 Progress Way
Binley
Coventry
CV3 2NT
Telephone: +44(0)2476 651500
Fax: +44(0) 2476 651060
E-mail: info@hydrogarden.co.uk

1.4 Emergency telephone number:

Emergency telephone number: +44 (0) 2476651500

Opening hours: 8.30am -5.00pm Mon-Thurs, 8.30am - 4.00pm Fri.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 classification according to Regulation (EC) No 1272/2008 (CLP):

Non hazardous

2.1.2 Classification according to Directive 67/548/EEC (See SECTION 16 for full text of risk phrases)

Non hazardous

2.1.3 Additional information:

For full text of R-phrases and Hazard and EU hazard statements see SECTION 16.

2.2 Label Elements

Label elements under CLP: None.

2.3 Other Hazards

Supplemental hazard information: Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance or preparation trade name: VitaLink Bat Guano

Description of the mixture: organic fertiliser derived from dry Bat cave Guano.

Hazardous Ingredients: none

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General notes:

Following Skin contact: wash with clean water. If irritation persists seek medical attention. Remove any contaminated clothing and launder before re-use

Following Eye contact: do not rub eyes. Rinse with water for several minutes. Remove contact lenses if safe and easy to do so. Seek medical aid if symptoms persist.

Following Ingestion: rinse mouth with water. seek medical attention. Never give anything by mouth to unconscious person. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Delayed/immediate effects:

Ingestion: may cause irritation and inflammation of the digestive system.

Skin contact: dust may cause irritation.

Inhalation: dust may cause irritation and inflammation of the respiratory tract.

Eye contact: dust may cause irritation.

Potential acute health effects: no known effects.

4.3 Indication of any immediate medical attention/special treatment

Immediate/special treatment: n/a

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Extinguishing media: The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

Unsuitable extinguishing media: N/A

5.2 Special hazards arising from the substance or mixture

Exposure Hazards: No special hazards.

5.3 Advice for fire-fighters

Advice for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 for non-emergency personnel:

Personal Precautions: Avoid dust generation and inhalation of dust.

Protective equipment: gloves.

Emergency procedures: prevent dust generation

6.1.2 for emergency responders:

Advice for fire fighters: none

6.2 Environmental precautions

Environmental precautions: no special instructions.

6.3 Methods and material for containment and cleaning up

6.3.1 Methods for spill containment: sweep up spillage avoiding generating dust.

6.3.2 Clean-up procedures: For small spills, scoop up carefully to prevent dust formation and dispose of in approved waste containers. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

6.4 References to other sections

Reference to other sections: refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: wear gloves.

Measures to prevent fire: not applicable

Measures to prevent aerosol and dust generation: avoid generating dust.

Measures to protect the environment: no special instructions.

Advice on general occupational hygiene: avoid inhalation of dust and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: no specific instructions.

Suitable packaging: store in original packaging only.

Storage class: n/a

Further information on storage conditions: none

7.3 Specific end use(s)

Recommendations: use as a slow release natural fertilizer. For indoor or outdoor use in soil and coco growing media. Can be used with herbs, vegetables, flowers, bulbs, shrubs and fruit trees. Mix with soil at 7g/10 ml per litre of substrate. Apply as a top dressing as required, not exceeding 100g/m² per dose. Can also be mixed with water (mix 2 x 10 ml spoons per 3 litres of water – spoon supplied and apply to the growing media.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Employ good industrial hygiene practice.

Hazardous ingredients: no hazardous ingredients

Workplace exposure limits: n/a

8.2 Exposure controls

8.2.1 Engineering measures: none required

Mixture related measures to prevent exposure during identified uses: n/a

8.2.2 Personal protective equipment:

Respiratory protection: not applicable

Hand protection: gloves

Eye protection: safety glasses or goggles

Skin protection: gloves/long sleeves

8.2.3 Environmental exposure controls: no special instructions.

Mixture related measures to prevent exposure: no specific measures for mixtures.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: brown powder

State: solid

Odour: humus smell

pH: unknown

Melting/freezing point: unknown

Boiling point: unknown

Flash point: unknown

Evaporation rate: unknown

Flammability: non-combustible

Vapour pressure: unknown

Vapour density: unknown
Relative density: 0.75 g/cm³
Viscosity: unknown
Oxidising properties: unknown
Explosive properties: unknown
Solubility in water: no more than 20% by weight.
Infiltration rate: unknown

9.2 Other information

Other information: none

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity: no particular danger of reaction with other substances under recommended conditions of use.

10.2 Chemical stability

Chemical stability: stable under recommended use and storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: no possibility of hazardous reactions under recommended use and storage conditions.

10.4 Conditions to avoid

Conditions to avoid: no known conditions to avoid.

10.5 Incompatible materials

Materials to avoid: high pH powders

10.6 Hazardous decomposition products

Hazardous decomposition products: None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity: no toxic effects

Irritation: not toxic, irritation may occur

Corrosivity: no toxic effects

Sensitization: no toxic effects.

Repeated dose toxicity: no toxic effects

Mutagenicity: no toxic effects

Carcinogenicity: no toxic effects

Reproductive toxicity: not a known reproductive toxin.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity values: the product shows no effects of processing or behaviour likely to cause damage to the environment under normal conditions of use and storage.

12.2 Persistence and degradability

Persistence and degradability: biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential: not applicable

12.4 Mobility in soil

Mobility: not applicable

12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT or vPvB substance.

12.6 Other adverse effects

Other adverse effects: not known

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/packaging disposal: Dispose of packaging and contents in accordance with local/national regulations

Waste codes/waste designations according to LoW: None

13.1.2 Waste treatment – relevant information: dispose of at local waste disposal site in accordance with local regulations.

13.1.2 Sewage disposal – relevant information: waste should not be released to sewers.

13.1.4 Other disposal recommendations: none

SECTION 14: Transport information

14.1 UN number

UN number: not classified according to ADR, non hazardous for transport

14.2 UN proper shipping name

Shipping name: not classified as hazardous for transport

14.3 Transport hazard class(es)

Transport class: not classified as hazardous for transport

14.4 Packing group

Packing group: not applicable

14.5 Environmental hazards

Environmentally hazardous: Not classified as environmentally hazardous.

Marine Pollutant: Not a marine pollutant

14.6 Special precautions for user

Special precautions: none

Tunnel code: not applicable

Transport category: not applicable

SECTION 15: Regulatory information

15.1 Safety, health and Environmental regulations/legislation specific for the mixture

EU regulations: not applicable

Authorisations and/or restrictions on use: none

Specific regulations: not applicable

15.2 Chemical safety assessment

Chemical safety assessment: a COSHH assessment has been carried out for the substance or mixture by the supplier

SECTION 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010 and EC Regulation No 1272/2008.

*Indicates text in the SDS which has been changed since the last revision

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.