

# Organic Farming Systems

(Sustainable Ventures Pty Ltd ACN 076 001 100)

Tel: 08 9384 3789  
Fax: 08 9384 3379  
Email: admin@organicfarming.com.au  
Address: PO Box 419, Cottesloe WA 6911  
Warehouse: 3 Rawlinson St, O'Connor WA 6163



Material Safety Data Sheet  
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## Product Name: Guano Powder

Not classified as hazardous according to criteria of NOHSC

### 1. IDENTIFICATION

Other Names: Guano Powder; Calcium Phosphate  
Use: Fertiliser

### 2. COMPOSITION/ INGREDIENTS

Ingredients: Calcium – CAS No N/A – Proportion - >25%  
Phosphorus - CAS No N/A – Proportion - >12%

### 3. HAZARDS IDENTIFICATION

General: **Hazardous according to criteria of NOHSC/ASCC - IRRITANT.**  
Risk Phases: R36/38 - Irritating to eyes and skin.  
Safety phrases: S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Risk Skin: S36/37/39 – Wear suitable protective clothing, gloves, and eye/face protection.  
Risk Ingestion: S45 – In case of accident, or if you feel unwell, seek medical advice immediately (show the label where possible).  
Hazard category: Powder may cause irritation to respiratory tract. The exposure standard for dust not otherwise specified is 10mg/m<sup>3</sup> (for inspirable dust) and 3mg/m<sup>3</sup> (for respirable dust).

### 4. FIRST AID MEASURES

Inhalation: Powder may cause irritation to respiratory tract. If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If breathing is difficult give oxygen. Seek medical attention.  
Ingestion: Rinse mouth with fresh water and drink plenty of water. Seek medical attention if symptoms persist or if larger quantities consumed.  
Eye: Irrigate immediately with plenty of water or neutral saline solution, holding eyelids open. Seek medical attention if irritation persists.  
Skin: Remove contaminated clothing. Wash affected area with soap and plenty of water. If irritation persists, seek medical attention.  
First Aid Facilities: Normal washroom facility.  
Advice to Doctor: Treat symptomatically. Non-toxic potential dust and acid composition irritant. Treat symptomatically based on individual reactions of patient and judgment of doctor. Dilute contamination with water.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media: In case of fire use water, carbon dioxide or extinguishing powder.  
Fire/Explosion Hazard: Non-combustible solid. Avoid generating dust. May admit carbon monoxide.  
Precautions: Use a positive - pressure self-contained breathing apparatus and use protective fire fighting clothing.

### 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: If spilt (bulk), use personal protective equipment. Ventilate area where possible. Eliminate all sources of ignition. Avoid generating dust. Do not allow product to reach

drains, sewers or waterways. Contain spillage and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable labelled chemical -waste container and dispose of promptly.

## 7. HANDLING AND STORAGE

Storage:	Store in a cool, dry, well ventilated area, removed from combustible materials, and incompatible materials including strong oxidizing agents, high pH acids, alkaline materials and sources of ignition.
Handling	Keep off ground with packaging tightly closed when not in use. Protect from direct sunlight and moisture. Store below 40°C and above 0°C. Store away from foodstuffs. Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits:	No value assigned for this specific material by the National Occupational Health and Safety Commission. However as with all chemicals exposure to concentrate should be kept to the least possible level.
Respiratory Protection:	If engineering controls are inadequate, when handling powder, use an effective dust mask where dusts are generated (AS1715/1716)
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles. Safety glasses with side shields. (AS1336/1337).
Skin Protection:	Wear appropriate protective gloves to prevent skin exposure. Standard approved work uniform/clothing.
Engineering Controls:	Local and/or general exhaust recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light brown powder.
Odour:	Odourless
Solubility in Water:	N/A
Specific Gravity:	N/A
Physical State:	Powder

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Chemically stable under normal conditions of use, storage and temperature. Avoid excessive heat, direct sunlight, generating dust, moisture and high temperatures.
Incompatible materials:	Oxidising agents, high pH acids and sources of ignition.
Hazardous reaction:	Not a fire hazard. No dangerous reactions known.
Hazardous decomposition:	May emit carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

Environment:	Not considered harmful to environment. See accidental release measures. No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.
Toxicity Data:	No Data
Ingestion:	No adverse effects expected, however if large amounts are consumed nausea and vomiting may occur.
Eye Contact:	May cause eye irritation.
Skin Contact:	May cause skin irritation.
Inhalation:	May result in respiratory irritation.

## 12. ECOLOGICAL INFORMATION

Environ Fate:	Do not allow this product to enter drains, waterways or sewers.
Mobility:	Spontaneous coupling by biochemical reaction in soil.
Ecotoxicity:	No data available on this product.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA , state and local regulations. Assure conformity with all applicable regulations. Normally suitable for disposal at approved land waster site.

## 14. TRANSPORT INFORMATION

This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Good By Road and Rail.  
Transport and store undercover to avoid getting the product wet. Rain will wreck the product.

#### 15. REGULATORY INFORMATION

Poisons Schedule: None allocated  
AICS Name: None allocated

#### 16. OTHER INFORMATION

The data and recommendations presented herein are based upon research of others believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Organic Farming Systems assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

Contact point Steven David 08 9384 3789 0417 992 970