

# SAFETY DATA SHEET



## PENGUAN

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### SECTION 1: PRODUCT IDENTIFICATION

**Product identifier:** PenGuan  
**Distributed by:** Organic Labs  
17 Pete Hendrichs Road  
Yerington, NV 89447  
**Phone:** 1 775 346 5888  
**Recommended uses and restrictions:** Fertilizer  
**Emergency number:** **1 407 435 9105** (Monday -Friday; 9am – 5pm)

### SECTION 2: HAZARDS IDENTIFICATION

**Classification (GHS):** No direct hazardous components are known  
**Signal word (OSHA):** N/A  
**Hazards statements:** N/A  
**Hazard symbols:** None  
**Precautionary statements:** P101: If medical advise is needed: have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust. Wash thoroughly after handling  
If exposed or concerned: Remove person from exposed area in case of inhalation.  
**Other classifications:** N/A  
**NFPA Rating:** N/A  
**HMIS Rating:** N/A

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CHEMICAL NAME	CONCENTRATION %	CAS #
Red seabird guano	N/A	97 - 98 %	N/A

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### SECTION 4: FIRST AID MEASURES

<b>First-aid measures after inhalation:</b>	Remove person to fresh air and keep comfortable for breathing.
<b>First-aid measures after skin contact:</b>	Wash skin thoroughly with mild soap and water. Remove contaminated clothing and launder before reuse. Call a physician if irritation develops.
<b>First-aid measures after eye contact:</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse thoroughly with plenty of water for at least 15 minutes and take medical advice. Call a physician if irritation persists.
<b>First-aid measures after ingestion:</b>	Rinse mouth. Do not induce vomiting. Call a physician immediately.

#### Most important symptoms/effects:

Symptoms/effects after inhalation:	Acute. Inhalation of fine dust may cause respiratory irritation or acute breathing problems (choking).
Symptoms/effects after skin contact:	None. Exposure to open wound may cause irritation.
Symptoms/effects after eye contact:	None
Symptoms/effects after ingestion:	Ingestion of moderate amounts may cause nausea and vomiting.

**Indication of immediate medical attention and special treatment needed:** None required under normal conditions of use.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Suitable extinguish media:

Water fog. Water spray. dry chemical powder, carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

N/A

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**Fire hazard:** Avoid creating large dust clouds.

**Explosion hazard:** No direct explosion hazard.

**Hazardous decomposition products in case of fire:** None

**Special protective equipment and precautions for firefighters:**

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:**

Evacuate unnecessary personnel.

**For non-emergency personnel:**

**Protective equipment :** Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Emergency procedures :** Ventilate spillage area. Do not breathe dust.

**For emergency responders:**

**Protective equipment :** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Emergency procedures :** Ventilate spillage area and stop leak if safe to do so.

**Environmental precautions:** Do not allow uncontrolled discharge of product into the environment.

**Methods and materials for containment and cleaning up:**

Collect by sweeping or using dustless method (vacuuming) and place in appropriate container for use or disposal. Notify authorities if product enters sewers or public waters.

**Other information:** Dispose of materials or solid residues at an authorized site.

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### SECTION 7: HANDLING AND STORAGE

**Handling:** Provide good ventilation and proper dust collection methods to keep exposure level below occupational exposure limits. in process area. Wash hands thoroughly with soap and water after use.

**Hygiene measures:** Do not eat, drink or smoke when using this product. Wash hands thoroughly and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Wash contaminated clothing before reuse.

**Storage:** Store in a clean and dry place. Keep only in the original container, in a cool well ventilated place. It must be protected against physical damage and properly labeled.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure limits:

Component	OSHA PEL	ACGIH TLV
Red seabird guano	N/A	N/A

**PEL:** Permissible Exposure Limit

**TLV:** Threshold Limit Value over 8 hours of work

#### Engineering control:

Provide adequate ventilation of the work station or local exhaust ventilation to maintain exposures below the occupational exposure limits

#### Individual protection measures:

**Respiratory protection:** If the exposure limits are exceeded, use a NIOSH approved particulate respirator appropriate for the form and concentration of the contaminants. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 or other applicable regulations and good industrial hygiene practice. Dust mask recommended to protect from particulates. If product is wet, wear dust mask to protect from ammonia.

**Hand protection:** Impermeable protective gloves

**Eye protection:** Safety glasses or goggles recommended to prevent eye contact.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid
<b>Color:</b>	Brown reddish
<b>Odor:</b>	Slight earthy odor
<b>Boiling point (°C)</b>	N/A
<b>Vapor pressure (mm Hg)</b>	N/A
<b>% Volatile (Wt%)</b>	N/A
<b>Specific gravity (25°C)</b>	2.37 g/mL
<b>Evaporation rate (Water +1)</b>	N/A
<b>Solubility in water</b>	Partially in water – creates a suspension in water
<b>pH</b>	6.5 – 7.5
<b>Flash Point</b>	N/A

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use

**Chemical stability:** This product is stable under normal storage conditions.

**Possibility of hazardous reactions:** Avoid creating large dust clouds.

**Conditions to avoid:** None known.

**Incompatible materials:** None known.

**Hazardous decomposition products:** Hazardous polymerization will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Symptoms of exposure:**

**Eyes:** Causes eye irritation and redness.

**Skin:** : Open wound skin contact may cause irritation.

**Ingestion:** Ingestion of moderate amounts may cause nausea and vomiting.

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**Inhalation:** Inhalation of dust may cause irritation to the nose, throat and upper respiratory tract with coughing and shortness of breath.

**Effects of Chronic Exposure:**

Not available

**Reproductive Toxicity:**

None of the components have been shown to cause reproductive or developmental toxicity.

**Sensitization:**

None of the components have been shown to cause sensitization in animals or humans.

**Mutagenicity:**

None of the components have been shown to cause mutagenic activity.

**Carcinogenicity:** N/A

**Acute Toxicity Values:** N/A

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** Biodegradable organic substance.

**Bioaccumulative potential:** Not expected to be bioaccumulative.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Do not allow uncontrolled discharge of product into the environment.

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### SECTION 14: TRANSPORT INFORMATION

The Transportation of Dangerous Good Act classification for this product is: Not regulated. DOT Classification: non-toxic, non-corrosive, chemical NOI, non-hazardous.

### SECTION 15: REGULATORY INFORMATION

This product is not subject to CERCLA

### SECTION 16: OTHER INFORMATION

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Prepared by Micro Bio Tech, LLC. dba Organic Labs.

#### References:

The information contained in this safety data sheet material was obtained from sources believed to be accurate and reliable from a technical point of view. Despite that they have been deployed all efforts to ensure full disclosure of product hazards, in some cases, no data are available, which is declared. Whereas the conditions under which the product is used in practice are beyond the control of the supplier, it is assumed that users of this material have been fully trained according to the standards of industrial safety of each user. No express or implied warranties are given, and the provider is not liable for losses, injuries or consequential damages that may result from using or reliance on information contained herein.

#### Abbreviations:

**GHS:** Globally Harmonized System

**OSHA:** Occupational Safety and Health Administration

**NFPA:** National Fire Protection Association

**HMIS:** Hazardous Materials Identification System

**ACGIH:** American Conference of Governmental Industrial Hygienists

**NIOSH:** National Institute for Occupational Safety and Health

**DOT:** Department of Transportation.

**NOI:** Notice of Intent – Chemical Safety Protocol

**CERCLA:** Environmental Response, Compensation, and Liability Act