

VERTE GUANO

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: VERTE GUANO
Organic grow / Liquid Fertilizer
UN No. Not Regulated
Supplier: Villa Crop Protection (Pty) Ltd.
PO Box 10413
Aston Manor, 1630, South Africa
Telephone: (011) 3962233
Fax: (011) 3964666
Website: www.villacrop.co.za
24 Hour Emergency response:
Bateleur: 083 1233 911 or 0860 333 911
In case of Poisoning:
Red Cross Poison Information Centre: 021 689 5227
Tygerberg Poison Information Centre: 021 931 6127

2. COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient:
Common Name: Guano
Chemical Name: Pure seabird guano
CAS N°:
Chemical formula: Not applicable – No chemicals
Formulation: 100% Guano
Use: Liquid Fertilizer
Ingredients: Pure Guano
Symbol: N/A
Indication of danger: None
Risk Phrases: No risk to human or animals

3. HAZARD IDENTIFICATION

Likely routes of exposure:
Skin, eye contact, ingestion.
Main hazard:
None
Eye contact: No effects.
Inhalation:
No effects.

4. FIRST AID MEASURES AND PRECAUTIONS

Skin and eye contact:
No effects – can flush with water.
Inhalation:
No effect.
Ingestion:
No effect.
Do not induce vomiting. Not applicable.
Advice to physician:
Not applicable.

5. FIRE FIGHTING MEASURES

Fire and explosion hazard:
No effect.
Flash point: N/A
Extinguishing agents:
Not applicable.
Fire fighting:
Not applicable.
Personal protective equipment:
Not applicable

6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

Personal precautions:
N/A
Environmental precautions:
N/A
Occupational spill:
N/A
For spills:
N/A

7. HANDLING AND STORAGE REQUIREMENTS

Handling:
Keep out of reach of animals, children and uninformed persons.
Storage:
Store in original container.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:
Not hazardous
Respirator:
N/A
Clothing:
N/A
Gloves:
N/A
Eye protection:
N/A
Emergency eyewash: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Brown liquid.
Flammability:
Not flammable
Flash point:
N/A

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Solubility:

Emulsified in water

pH:

5-8

Viscosity: Liquid.

10. STABILITY AND REACTIVITY

Stability:

Stable under any conditions.

Storage stability:

Stable for a period of at least 3 years.

Incompatibility:

The product is compatible with strong oxidizing agents. The product is compatible with many other pesticides when used at normal rates. Do not physically mix concentrate directly with other herbicides or pesticide concentrates; always dilute first.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀:

N/A

Acute dermal LD₅₀:

N/A

Acute inhalation LC₅₀:

N/A

Acute skin irritation:

N/A

Acute eye irritation:

Eye irritating - None

Dermal sensitization:

In view of intended use, no reason to expect any risk.

Carcinogenicity:

In view of intended use, no reason to expect any risk.

Teratogenicity:

In view of intended use, no reason to expect any risk.

Mutagenicity:

In view of intended use, no reason to expect any risk.

12. ECOLOGICAL INFORMATION

Degradability:

No information available

Mobility:

No information available

Accumulation:

No information available.

ECOTOXICOLOGY:

Birds: No information available.

Fish: No information available.

Daphnia: No information available.

13. DISPOSAL CONSIDERATION

Pesticide disposal:

Not dangerous for human, animal, or to nature.

Container disposal:

Emptied containers can be used again.

14. TRANSPORT INFORMATION

UN NUMBER:

NOT REGULATED

Road Transport ADR/RID:

Class: None

Packaging group: III

Shipping name: Liquid Fertilizer

Air Transport IATA/ICAO:

Class: None

Packaging group: III

Shipping name: Liquid Fertilizer

Maritime Transport IMDG/IMO:

Class: None

Packaging group: III

Shipping name: Liquid Fertilizer

15. REGULATORY INFORMATION

Symbol:

N/A

Indication of danger:

None

Risk phrase(s):

None

Safety phrases:

No danger to the environment

16. OTHER INFORMATION

Packaging:

Packed in 25 litres high-density plastic containers and labelled according to South African regulations and guidelines.

Disclaimer:

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.

All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.

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