

**Material Safety Data Sheet**    Bulbine natalensis freeze dried extract

Batch code: NANBN

**1. Identification of the substance/preparation and company**

1.1.	Trade name and Synonym:	Bulbine natalensis freeze-dried extract
1.2.	Company responsible Address:	Afrigetics cc 381 Waterside Rd, Wilderness, WC, South Africa, 6560
1.3.	Distributor: Address:	Afrigetics cc 381 Waterside Rd, Wilderness, WC, South Africa, 6560

**2. Composition/information on ingredients**

2.1.	Identification number:	
2.2.	CAS number(s):	Not known
2.3.	EINECS number:	
2.4.	INCI name:	
2.5.	Hazardous ingredients:	None known.

**3. Hazards identification**

Specific risks:	None known at this time
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**4. First aid measures**

4.1.	First aid measures / general information:	After adequate first aid, no further treatment is required unless symptoms reappear.
4.2.	Skin Contact:	Not expected to present a skin hazard under anticipated conditions of normal use. Wash with soap and water

4.3.	Eyes Contact:	In case of eye contact, immediately flush with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention if pain, blinking, tears or redness persists.
4.4.	Inhalation:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
4.5.	Ingestion:	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

## 5. Fire-fighting measures

5.1.	Suitable extinguishing media:	Appropriate Foam, CO2, Dry Chemical, Water
	Special fire fighting Procedures	Wear self contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

## 6. Accidental release measures

6.1.	Wear protective clothing
6.2.	Methods for cleaning up / taking up: Sweep up, place in bag and hold for waste disposal. Area may be rinsed with water.

## 7. Handling and Storage

7.1.	Handling:	Normal handling and storage consistent with good manufacturing practices should be used.
7.2.	Storage:	Keep containers closed until used. To maintain product quality, do not store in heat or direct sunlight.
7.3.	Reactivity Data:	Not available. Avoid strong oxidising agents.

**8. Exposure controls / personal protection:** None required.

## 9. Physical and chemical properties

9.1.	Appearance:	Fine Powder
9.2.	Odor:	Characteristic
9.3.	Color:	Dark brown
9.4.	Data relevant to safety:	Avoid strong oxidizing agents.
9.5.	Flammable limits:	No data Available
9.6.	Specific gravity (25C)	0.75 – 0.85 at 25° C

9.7.	Solubility in water:	No data available
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## 10. Stability and reactivity

10.1.	Hazardous reactions:	Hazardous polymerization will not occur.
10.2.	Stability:	Stable

## 11. Toxicological information

To the best of our knowledge no toxicological effects have been reported.  
Eye contact with dust may cause irritation.

## 12. Ecological information

12.1.	Ecotoxicity:	Will not cause toxic effects.
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## 13. Advice on disposal

13.1.	Contaminated packaging: Should not be considered hazardous waste and can be disposed of through normal channels. Wash water should be treated via regulated water treatment facility.
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## 14. Transport information

14.1	Land Transport - Marine Transport - Air Transport: Other than normal shipping instructions and information given in the MSDS, there are no other specific U.S. Department of Transportation (DOT) regulations governing the shipment of this material.
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## 15. Regulatory information

15.1	Labeling - (Hazards Symbols)
	National Fire Protection Association Health = 0 Flammability = 1 Reactivity = 0 Special Hazard - None
	Hazardous Material Information System (HMIS) Health = 0 Flammability = 1 Reactivity = 0 Personal Protection = D

## 16. Other information

Incomplete combustion may produce carbon monoxide and other toxic gases.

**Disclaimer:**

This MSDS was prepared and is to be used only for this material. If the material is used as a component in another material, this MSDS information may not be applicable.

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