

IDENTITY (<i>As Used on Label and List</i>) Indonesian Bat Guano	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Sunleaves Garden Products	Emergency Telephone Number N/A
Address (<i>Number, Street, City, State, and ZIP Code</i>) 7854 N. State Road 37	Telephone Number for Information 812-876-6450
Bloomington, IN 47404	Date Prepared 06-08-2005
	Signature of Preparer (<i>optional</i>)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (<i>optional</i>)
Bat guano contains Ammoniac Nitrogen	N/A	N/A	N/A	N/A

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity @ 40° C	2.37g/ml
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water N/A (Creates a suspension in Water)			
Appearance and Odor Dry, tan, dense, flour like texture with Ammonia odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits None	LEL None	UEL None
Extinguishing Media Water, CO2, Dry Chemical Foam			
Special Fire Fighting Procedures Treat as Class A			
Unusual Fire and Explosion Hazards Avoid creating large dust clouds in areas of open flame or electric spark.			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable X		None Known
Incompatibility (<i>Materials to Avoid</i>)		None Known	
Hazardous Decomposition or Byproducts		None Known	
Hazardous Polymerization	May Occur		Conditions to Avoid None Known
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Open Wound	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>)			
Acute: Choking due to inhalation of fine dust, Possible Irritation if open wound is exposed (Biologically active material)			
Chronic: Potential for exposure to Spores of <i>Histoplasma capsulatum</i> if fine dust is inhaled, causing potential for chronic lung Infection Histoplasmosis.			

Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure			
Inhalation of fine dust will cause Acute breathing problems (choking). Ingestion of moderate amounts will cause nausea and vomiting. Exposure of open wound will cause irritation.			
Medical Conditions			
Generally Aggravated by Exposure: None Known			
Emergency and First Aid Procedures:			
Remove exposed person from area to an area free of dust in the case of inhalation. Clean exposed open wound with soap and water.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Sweep up with broom or remove by vacuuming
Waste Disposal Method
No special waste disposal precautions.
Precautions to Be taken in Handling and Storing:
Store in a relatively cool dry space
Other Precautions
None known

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Dust Mask with organic filter. If wet respirator may be necessary to protect from ammonia.		
Ventilation	Local Exhaust Sufficient	Special N/A
	Mechanical (<i>General</i>) N/A	Other N/A

Protective Gloves: Not required	Eye Protection: Recommended
Other Protective Clothing or Equipment: None required	
Work/Hygienic Practices: Bathe to remove dust. Wash hands frequently when handling.	

* U.S.G.P.O.: 1986 - 491 - 529/45775