

# Plan "B" Organics™

## High Nitro Bat Guano

### 12-4-2

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#### Material Safety Data Sheet

**I. PRODUCT NAME/TRADE NAME:**

Plan "B" Organics™ High Nitro Bat Guano  
12-4-2

Sizes: 3lb/1.4kg, 25lb/11.4kg

EPA REGISTRATION #: None

**CHEMICAL NAME/COMMON NAME:**

Bat Guano/Bat Guano

**Emergency Telephone Number:**

Primary 911, Secondary 360-751-4897

**Information Telephone Number:**

360-751-4897

**Date Prepared:**

10/01/2013

**WHIMIS Classification of Product:**

Is not a controlled product and is not covered  
under Hazardous Product Act and WHIMIS.

**Product use:**

Fertilizer (Natural)

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**II. HAZARDOUS INGREDIENTS**

Ingredient	CAS #	LD50	LC50	OSHA PEL	ACGIH TLV
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NA

NA

NA

NA

NE

NE

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### III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	NE	Specific Gravity (H <sub>2</sub> O=1):	NA
Vapor Pressure (mmHg):	NA	Melting Point:	NA
Vapor Density (Air = 1):	NE	Freezing Point:	NA
% Volatiles by vol.:	NE	Evaporation Rate (Butyl Acetate + 1):	NA
Solubility in Water:	Soluble	Density:	Variable
Appearance and Odor:	Brown colored dry material, slight guano odor		
Flash Point/Method:	NA		
pH:	NA		

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### IV. FIRE AND EXPLOSION HAZARD DATA

Flash point (Method Used):	NA	Flammable Limits:	This material is slightly combustible due to residual protein. Direct flame results in short
Extinguishing Media:			

	Water, Carbon Dioxide, Dry Chemicals		lived sustained flame. Dust explosion conditions unknown. Use water to extinguish.
Hazardous Combustion			
Products:	Dioxides from fire		
Sensitivity to		LEL: UEL:	NA
Mechanical Impact:			
	NA	Conditions of	NA
Sensitivity to Static		Flammability:	
Discharge:			
	NA		Will burn in a fire
Auto Ignition (°C):			
	NA		
Special Fire Fighting			
Procedures:			
	Treat as class A. Fight fire upwind. Wear positive pressure self- contained breathing apparatus and full protective equipment Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate		

people downwind from  
fire.

Unusual Fire and  
Explosion Hazards:

Avoid production of an  
extremely dusty air  
space in areas of local  
burning or electrical  
sparking

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## V. REACTIVITY DATA

Chemical Stability:	Stable
Incompatibility (Products to Avoid):	Fire, Water
Hazardous Decomposition or Byproducts:	CO <sub>x</sub> , SO <sub>x</sub>
Hazardous Polymerization:	Will Not Occur
Condition to Avoid:	Exposure to heat and acid
Reactivity, and under what conditions:	NA

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## VI. TOXICOLOGICAL PROPERTIES/HEALTH HAZARD DATA

Route(s) of Entry

Skin:

Wear proper personal protective equipment to reduce skin exposure.

Ingestion:

Do not ingest. Wash hands and face thoroughly before eating, drinking or smoking.

Inhalation:

Wear proper respiratory protection for the exposures encountered.

Eye Contact:

Can cause eye irritation. Wear proper eye protection to reduce exposure. If contact occurs, flush eyes with water for a minimum of 15 minutes.

Health Hazard (Acute or Chronic):

NA

Carcinogenicity:

IARC monographs	NTP	OSHA
None Known	None Known	None

Signs and Symptoms of Exposure:

Known

NA

Irritancy of product:

NA

Sensitization to Product:

NA

Teratogenicity:

None

Reproductive Toxicity: None

Mutagenecity: None

Synergistic Products: None

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## **VII. PRECAUTION FOR SAFE HANDLING AND USE**

### Personal Protective Equipment

Respiratory: When dust is present, use a NIOSH/MSHA approved half- or a full-face respirator with a High Efficiency Particle Aerosol (HEPA) cartridge

Skin: Wear proper personal protective equipment to reduce skin exposure.

Eyes: Use appropriate eye protection e.g.: goggles, to minimize contact with dust.

Other: Wear sturdy work clothing and footwear for the specific application.

Environmental Hazards: Dike area to prevent entering drains, sewers or water courses.

Engineering controls:

In restricted spaces, use effective ventilation, e.g. Local Air Ventilation. Do not permit excessive accumulation of dust in work areas. Best practice is to clean up with a vacuum equipped with a HEPA filter.

Steps to be taken in case material is released or spilled:

If uncontaminated, collect for reuse or disposal. Use a clean up system which does not create dust, e.g. a vacuum equipped with a HEPA filter. If contaminated or not required for reuse, dispose in approved landfill in accordance with local regulations.

Waste Disposal Method:

If uncontaminated, dispose as a non-metallic mineral. If contaminated, use appropriate method for containment with applicable local regulation(s).

Precaution to be taken in handling and storing:

Product should be kept in a dry place. Avoid creation of respirable dust if possible. Protect workers as above. Use effective ventilation and dust collection. Avoid eye and skin contact with wet product during use.

Special shipping information:

NA

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## **VIII. CONTROL/FIRST AID MEASURES/HEALTH PRECAUTION DATA**

Respirator Protections:	Use only NIOSH/MSHA - approved respiratory protection for nuisance particles up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures above the nuisance particulate PEL/TLV.
Ventilation:	Local exhaust/general ventilation to control nuisance dust.
Protective/Work Gloves:	Rubber, latex, vinyl, or other impervious gloves recommended
Eye Protection:	Safety Goggles or glasses with side shields and brow protection Recommended.
Other Protective Clothing or Equipment:	Not required
Work / Hygienic Practices:	Wash to remove dust after use
Eyes:	Flush with tempered water for at least 20 minutes. Obtain medical attention
Skin:	Wash with soap and water. For caustic burns to skin consult a doctor.

Ingestion: Drink large amounts of water. Do not induce vomiting. Seek immediate medical attention.

Gross inhalation of dust: Remove victim to fresh air and administer CPR if necessary.

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### IX. SPECIAL PRECAUTIONS

Keep out of reach of children. Do not wash down storm or sanitary sewer system. Read and follow all label instructions.

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### X. REGULATORY DATA

SARA HAZARD CLASS: Acute

SARA 313: NO

SARA 302: NO

TPQ:

CERCLA: NO

RQ:

RCRA: NO

NFPA HAZARD RATING:

Health: [1]

Fire: [2]

Reactivity: [0]

Special: [ ]

NFPA HAZARD RATING SCALE:

0 = Minimal

3 = Serious

1 = Slight

4 = Severe

2 = Moderate

HMIS CODES:

Health: [1]

Fire: [2]

Reactivity: [0]

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

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**XI. PREPARATION DATE OF MSDS**

Prepared by: Plan "B" Organics™

Phone: 360-751-4897

Date: 10/01/2013

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