

# Vital Earth's®

## O.G. Bloom Mix

### 0-9-0

#### Material Safety Data Sheet

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**I. PRODUCT NAME/TRADE NAME:**      **Emergency Telephone Number:**

Vital Earth's® O.G. Bloom Mix 0-9-0      503-493-2784

Sizes: Sample, 1 lb/0.4536 kg, 4.4 lb/1.9958 kg, **Information Telephone Number:**

10 lb/4.5359 kg, 22 lb/9.9790 kg, 44 lb/19.958 kg      503-493-2784

kg

Date Prepared:

EPA REGISTRATION #: none

01/15/08

**CHEMICAL NAME/COMMON NAME:**

Seabird Guano/Bat Guano

**WHIMIS Classification of Product:**

Is not a controlled product and is not covered  
under Hazardous Product Act and WHIMIS.  
Fertilizer (Natural)

Product use:

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#### **II. HAZARDOUS INGREDIENTS**

| Ingredient | % | CAS # | LD50 | LC50 | OSHA PEL | ACGIH TLV |
|------------|---|-------|------|------|----------|-----------|
|------------|---|-------|------|------|----------|-----------|



|                      |   |   |
|----------------------|---|---|
| Extinguishing Media: | Water, Carbon Dioxide,<br>Dry Chemicals | flame results in short<br>lived sustained flame.<br>Dust explosion<br>conditions unknown. |
| Hazardous Combustion |   |   |
| Products:            | Dioxides from fire                      | Use water to extinguish.  |

|                                      |    |      |    |
|--------------------------------------|----|------|----|
| Sensitivity to<br>Mechanical Impact: | NA | LEL: | NA |
|--------------------------------------|----|------|----|

|      |    |
|------|----|
| UEL: | NA |
|------|----|

Sensitivity to Static

|            |    |
|------------|----|
| Discharge: | NA |
|------------|----|

Conditions of

|               |                     |
|---------------|---------------------|
| Flammability: | Will burn in a fire |
|---------------|---------------------|

|                     |    |
|---------------------|----|
| Auto Ignition (°C): | NA |
|---------------------|----|

### Special Fire Fighting

|             |  |
|-------------|--|
| Procedures: | Treat as class A. Fight<br>fire upwind. Wear<br>positive pressure self-<br>contained breathing<br>apparatus and full<br>protective equipment<br>Do not breathe smoke<br>or spray mist. Avoid<br>fallout and runoff. Dike<br>to prevent entering<br>drains, sewers, or water<br>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 of Chronic): NA

|                  |                 |            |      |
|------------------|-----------------|------------|------|
| Carcinogenicity: | IARC monographs | NTP        | OSHA |
|                  | None Known      | None Known | None |
|                  | Known           |            |      |

Signs and Symptoms of Exposure: 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: If 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

CERCLA: TPQ: NO

RCRA: RQ: 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:

HMIS HAZARD RATING SCALE:

Health: [1] 0 = Minimal 3 = Serious  
Fire: [2] 1 = Slight 4 = Severe  
Reactivity: [0] 2 = Moderate

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## **XI. PREPARATION DATE OF MSDS**

Prepared by: Conscious Earthworks, LLC  
Phone: 503-493-2784  
Date: 01/15/08

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