

Vital Earth's®

Coco Block

(Coconut Pith, Block Form)

Material Safety Data Sheet

I. PRODUCT NAME/TRADE NAME:

Vital Earth's® Coco Block

(Coconut Pith, Block Form)

Sizes: 2.5 cu. ft. brick/70.8 Liters

EPA REGISTRATION #: None

CHEMICAL NAME/COMMON NAME:

Coconut Husk/Coco Coir Peat Dust

WHIMIS Classification of Product:

Product use:

Emergency Telephone Number:

503-493-2784

Information Telephone Number:

503-493-2784

Date Prepared: 01/15/08

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

Medium to growing plants.

II. HAZARDOUS INGREDIENTS

| Ingredient | % | CAS # | LD50 | LC50 | OSHA PEL | ACGIH TLV |
|---------------|----|-------|------|------|--|--|
| Nuisance Dust | NA | NA | NA | NA | Total: 15 mg/m3 Respirable: 5 mg/m3 | Total: 10 mg/m3 Respirable: 3 mg/m3 |

This product is not considered to be hazardous in accordance with the OSHA Hazard Communication Standard 29 CFR 1910.1200, Health Hazard. The product is classified by ACGIH as a "Nuisance Dust" or "Particles Not Otherwise Classified" (PNOC). See product label for ingredients about product specification information.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|--------------------------|---------------------------|---|--------------------------|
| Boiling Point: | NE | Specific Gravity (H ₂ 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: | Not Soluble | Absorption Rate: | 5 times more than weight |
| Appearance and Odor: | Coco peat dust, odorless. | Density: | NA |
| Flash Point/Method: | NA | | |

pH: 5.8

ppm: 150

IV. FIRE AND EXPLOSION HAZARD DATA

Flash point Flammable Limits: NA

(Method Used): NA

Extinguishing Media: Natural Coco Coir,
Carbon Dioxide, or
Halon extinguisher.

Hazardous Combustion

Products: NA

Sensitivity to LEL: NA

Mechanical Impact: NA

UEL: NA

Sensitivity to Static

Discharge: NA Conditions of Flammability: NA

Auto Ignition (degrees Celsius): NA

Special Fire Fighting

Procedures: NA

Unusual Fire and

Explosion Hazards: NA

V. REACTIVITY DATA

Chemical Stability: Stable

Incompatibility (Products to Avoid): NA

Hazardous Decomposition or Byproducts: NA

Hazardous Polymerization: NA

Condition to Avoid: NA

Reactivity, and under what conditions: NA

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 |

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

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:

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.

IX. SPECIAL PRECAUTIONS

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

X. REGULATORY DATA

SARA HAZARDOUS CLASS: Acute

SARA 313: NO

SARA 302: NO

TPQ:

CERCLA: NO

RQ:

RCRA: NO

NFPA HAZARD RATING:

NFPA HAZARD RATING SCALE:

Health: [1]

0 = Minimal

3 = Serious

Fire: [0]

1 = Slight

4 = Severe

Reactivity: [0]

2 = Moderate

Special: []

HMIS CODES:

HMIS HAZARD RATING SCALE:

Health: [1]

0 = Minimal

3 = Serious

Fire: [0]

1 = Slight

4 = Severe

Reactivity: [0]

2 = Moderate

XI. PREPARATION DATE OF MSDS

Prepared by:

Conscious Earthworks, LLC

Phone:

503-493-2784

Date:

01/15/08

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