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## MATERIAL SAFETY DATA SHEET (MSDS)

Date: May 2014

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### 1. **PRODUCT IDENTIFICATION**

Product: Natural Zeolite (EcoTraction SKUs : ET2R, ET4R, ET10R, ET20R, ET3RB, ET3RJ, ET9RB, ET20X, ET40X, ET909X-T& ET909R)  
CAS No. 1318-02-1  
Chemical Name: Potassium-calcium-sodium-aluminosilicate  
Synonyms: Clinoptilolite, zeolite  
Empirical Formula: (K,Ca,Na) 2O-Al<sub>2</sub>O<sub>3</sub>-10SiO<sub>2</sub>-6H<sub>2</sub>O  
Chemical Family: Molecular Sieve  
Dot Shipping Name: Non Hazardous Dry Freight

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### 2. **COMPANY IDENTIFICATION**

Company Name: Earth Innovations Inc.  
Mailing Address: 2702-401 Bay Street, PO Box 136  
Physical Address: Toronto, ON  
M5H 2Y4  
Phone Number: 613-232-4379  
Fax Number: 613-232-6746

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### 3. **HEALTH HAZARD DATA**

Hazardous Ingredients: None known  
Route of Entry: Inhalation  
Health Hazard:  
Signs & Symptoms of Exposure: None

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### 4. **FIRST AID MEASURES**

Swallowing: If ingested in large quantities contact physician for permission to induce vomiting.  
Skin Contact: None  
Inhalation: Remove the person to fresh air.  
Eye Contact: Immediately flush eyes with water for 15 minutes.  
Notes to Physician: If this product has been treated with a material of a hazardous nature, identify material and treat accordingly.

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### 5. **PHYSICAL & CHEMICAL CHARACTERISTICS**

Color: Green  
Odor: None  
Boiling Point: Not applicable  
Freezing Point: Not applicable  
Melting Point: 1800 F  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Specific Gravity: 2.0 - 2.4  
solubility in Water: 0  
Evaporation Rate: Not applicable

6. **FIRE AND EXPLOSION DATA**

Flash Point:	Not applicable
Flammable Limits:	Not applicable
LEL:	Not applicable
UEL:	Not applicable
Extinguishing Media:	Not applicable
Special Fire Fighting Procedures:	Non Combustible
Unusual Fire and Explosion Hazards:	None

7. **REACTIVITY DATA**

Stability:	Stable
Conditions to avoid:	Not applicable
Incompatibility (Materials to avoid):	None
Hazardous Polymerization:	Will not occur
Conditions to avoid:	Not applicable

8. **SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:**  
 It is recommended to ensure compliance with various state or federal regulations that any significant quantities spilled in surface waters be reported to appropriate state or federal officials.

**Waste disposal method:**  
 Spills should be cleaned up in a manner that does not generate dust and disposed of in a landfill. If raw material has been treated with toxic or hazardous substances material should be disposed of accordingly.

**Precautions to be taken in handling and storage:**  
 Avoid breathing nuisance dust.

9. **EXPOSURE CONTROL MEASURES**

Respiratory Protection:	Wear OSHA approved dust respirators to avoid nuisance dust when the permissible exposure limit might be exceeded.
Ventilation:	
Local Exhaust:	Exhaust ventilation is recommended for operations where the permissible exposure limit might be exceeded.
Mechanical:	Not applicable
Special:	Not applicable
Other:	Not applicable
Eye Protection:	Safety glasses or goggles should be worn to prevent dust from entering eyes.
Protective Clothing:	Suitable coverall and gloves recommended. Skin contact can cause desiccating effects, removal of naturel oils and result in chaffing, dry skin
Other:	Not applicable

10. **ECOLOGICAL CONSIDERATIONS**

Waterfowl toxicity:	None known
Aquatic toxicity:	None known
Food chain concentration potential	None expected
Biochemical oxygen demand:	None, products are not biodegradable.
Atmospheric:	Contain no ozone depleting substances.

It is recommended that all recipients of this MSDS become familiar with and understand any hazards associated with this product. This information should then be made available to employees and customers who may come in contact with this material.