



MATERIAL SAFETY DATA SHEET

Section I Product Identification

Product	EcoTraction
CAS #	Not applicable
Chemical Name	Potassium-Calcium-Sodium-Aluminosilicate
DOT Shipping Name	Non-Hazardous Dry Freight
Cation Exchange Capacity (CEC)	160 to 180 milliequivalents per 100 grams
Maximum Water Retention	> 55%
Overall Surface Area	24.9 m ² per gram
Bulk Density	Approximately 880 to 960 kg/m ³ (55-60 lbs/ft ³)
Hardness	Moh's No. 4

Section II Company Identification

Head Office	Earth Innovations Inc. 99 Fifth Avenue, Suite 10 Ottawa, Ontario K1S 5K4 Tel: 613.232.4379 Fax: 613.232.6746
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Section III Health Hazard Data

Hazardous Ingredients	May contain free silica
Route of Entry	Inhalation
Health Hazard (Acute & Chronic)	Prolonged exposure to respirable silica may cause health risks.
Signs & Symptoms of Exposure	None

Section IV 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.

Section V Physical & Chemical Characteristics

Color	Green
Odour	None
Boiling Point	Not applicable
Freezing Point	Not applicable
Melting Point	1800 F (982 C)
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Gravity	2.0 - 2.4
Solubility in Water	0
Evaporation Rate	Not applicable

Section VI Fire & 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 & Explosion Hazards	None

Section VII Reactivity Data

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

Section VIII Safety Handling & Use

Steps to be Taken in Case Material is Released or Spilled

It is recommended to ensure compliance with various state, provincial or federal regulations that any significant quantities spilled in surface waters be reported to appropriate state, provincial 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 & Storage

Avoid breathing nuisance dust.

Section IX 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 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 natural oils and result in chaffing, dry skin.
Other	Not applicable

Section X Ecological Considerations

Waterfowl Toxicity	None known
Aquatic Toxicity	None known
Food Chain Concentration Potential	None expected
Biochemical Oxygen Demand (BOD)	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.

Date Prepared - October 2005