

EcoSand[®] Soil Amendment



Material Safety Data Sheet

1. Product and company identification

Trade name:	EcoSand	
Manufacturer:	ZEO, Inc.	800-530-8283
	P.O. Box 2353	972-542-0053
	McKinney, TX 75070	972-542-0211 Fax
	www.zeoinc.com	Revised: Dec 31, 2006

2. Composition/information on ingredients

Composition:	100% natural zeolite ore
Common names:	Clinoptilolite, clino, zeolite, Hydrated sodium potassium calcium aluminosilicate
Empirical formula:	$(\text{Na}^+, \text{K}^+, \text{Ca}^{++}, \text{Mg}^{++})^{+6}[(\text{AlO}_2)_6(\text{SiO}_2)_{30}]^{-6} \cdot 24 \text{H}_2\text{O}$
CAS Registry No.:	001318-02-1

3. Hazards identification

Contains less than 0.1% crystalline silica.

4. First aid measures

Skin and Eye Contact:	Flush with water.
Inhalation:	Move to dust free air. Administer oxygen and CPR if breathing stops.
Ingestion:	Drink 16 ounces (500 ml) of water.

5. Fire fighting measures

Flash point	None	Flammable limits:	None
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Not a fire or explosion hazard; EcoSand may be used in place of sand to extinguish Class A and B fires.

6. Accidental release measure

Wear dust protection. Sweep or scoop up and dispose in non-hazardous waste.

7. Handling and storage

Handle in a way to minimize dust.	Store at ambient temperature
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8. Exposure controls / Personal protection

Wear dust mask or safety glasses to prevent nuisance dust from entering nose, mouth, and eyes

9. Physical and chemical properties

Appearance:	Green solid	Odor:	None
Sp. gr. (water=1):	0.85	Melting point (°C):	> 1,200

10. Stability and reactivity

Stability:	Stable	Incompatibility:	None
Hazardous polymerization:	None		

11. Toxicological information

OSHA: Free silica is not listed as a carcinogen.

12. Ecological Information

Waterfowl Toxicity	Not applicable	Aquatic toxicity:	Not applicable
Food chain concentration:	Not applicable	Biochemical oxygen demand:	Not applicable
Atmospheric:	Not applicable		

13. Disposal Considerations

Natural zeolites are not classified as hazardous under RCRA.

14. Transport information

Natural zeolites are not classified as hazardous material by the US DOT.

15. Regulatory information

CLERCLA: Not classified as a hazardous substance.

16. Other information

None

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