

# Z-Ultra<sup>®</sup> Anti-caking Agent



## Material Safety Data Sheet

### 1. Product and company identification

Trade name:	Z-Ultra	
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; Z-Ultra 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:	Tan to 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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