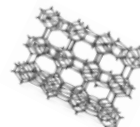


MATERIAL SAFETY DATA SHEET



An explanation of terms used may be found in OSHA
29 CFR 191.1200 available from OSHA regional or area offices.

October 1, 2006

1. PRODUCT IDENTIFICATION

PRODUCT: St. Cloud Natural Clinoptilolite Zeolite	CAS No. 12173-10-3
CHEMICAL NAME: Potassium-calcium-magnesium-aluminosilicate	SYNONYMS: Clinoptilolite
EMPIRICAL FORMULA: (K,Ca,Mg) 2O-AL ₂ O ₃ -10SiO ₂ -6H ₂ O	

2. COMPANY IDENTIFICATION

COMPANY NAME: ST. CLOUD MINING COMPANY		
MAILING ADDRESS: P.O. Box 1670 - Truth or Consequences, New Mexico 87901, U.S.A.		
PHYSICAL ADDRESS: Winston Mill Site - Winston, New Mexico 87943, U.S.A.		
PHONE NUMBER: 505-743-5215	FAX NUMBER: 505-743-3333	WEBSITE: www.stcloudmining.com

3. HAZARDOUS INGREDIENTS AND HEALTH HAZARD DATA

HAZARDOUS INGREDIENTS: May Contain 0.07-0.10% Free Silica.	ROUTES OF ENTRY: Inhalation		
HEALTH HAZARDS: Granular powder, airborne dust particles are irritating to respiratory tract. Contact with eyes and skin may cause irritation. May be harmful if inhaled. Clinoptilolite with a particle size in the respirable range was tested for carcinogenicity in rats by intratracheal instillation. No significant increase in the incidence of tumors was found. Hazard Symbols for this product: Xn.			
HAZARDOUS COMPONENTS: Clinoptilolite zeolite / potassium, calcium, sodium, aluminosilicate, hydrated (a) Percent by weight: 100%			
CAS #: 12173-10-3	EINECS #: Not found	Hazard Symbol: Xn	Risk Phrases: R 20, 36/37/38
CARCINOGENICITY: NTP? No.	IARC Monographs? No.	OSHA Regulated? No.	
SIGNS & SYMPTOMS OF EXPOSURE: Coughing, irritation of respiratory tract.			

4. FIRST AID MEASURES

SWALLOWING: If ingested in large quantities, contact physician for permission to induce vomiting.	
SKIN CONTACT: Rinse with water if irritation ensues.	INHALATION: Remove the person to fresh air, rinse mouth and nasal passages with fresh water. Seek medical attention if irritation persists.
EYE CONTACT: Check for and remove contact lenses. Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.	
NOTES TO PHYSICIAN: St. Cloud Natural Zeolite has no additives or materials that require special treatment. However some products of St. Cloud Natural Zeolite are treated to enhance their use for special applications. Should a specialty product with additives to St. Cloud Natural Zeolite, a separate MSDS is available from the supplier.	

5. PHYSICAL & CHEMICAL CHARACTERISTICS

COLOR: White, to off white with dark specs	BOILING POINT: Not applicable
ODOR: None	FREEZING POINT: Not applicable
MELTING POINT: 1800 F	VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable	SPECIFIC GRAVITY: 2.2 - 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: Physical clean up is required only to prevent sediment to surface water courses, depending upon the particle size of the product. St. Cloud Natural Zeolite will not react or release any harmful substance to the environment.	
WASTE DISPOSAL METHOD: Spills of St. Cloud Natural Zeolite should be cleaned up in a manner that minimizes the generation of dust as a potential nuisance, or may be dispersed of in any garden areas, lawn or landfill.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid breathing dust, may irritate the respiratory tract	
OTHER PRECAUTIONS: None	

9. EXPOSURE CONTROL MEASURES

RESPIRATORY PROTECTION: Wear OSHA approved dust respirators to avoid nuisance dust and possible irritation

VENTILATION	LOCAL EXHAUST:	Exhaust ventilation is recommended for operations to avoid nuisance dust and possible irritation.
	MECHANICAL (general):	Not applicable
	SPECIAL:	Not applicable
	OTHER:	Not applicable

EYE PROTECTION: Safety glasses or goggles should be worn to prevent dust from entering eyes.

PROTECTIVE GLOVES: Optional. May cause drying of skin with prolonged contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Dust Respirator

10. ECOLOGICAL CONSIDERATIONS

WATERFOWL TOXICITY: Not Applicable

AQUATIC TOXICITY: Not Applicable

FOOD CHAIN CONCENTRATION POTENTIAL: Not Applicable

BIOCHEMICAL OXYGEN DEMAND: Not Applicable

ATMOSPHERIC: Contain no ozone depleting substances.

11. TRANSPORTATION INFORMATION

Proper Shipping Name: Non-Hazardous for Transport	IATA Hazard Class/Packaging Group: Not Regulated
DOT Hazard Class/Packaging Group: Not Regulated	IMDG Hazard Class: Not Regulated
Reference: Not Applicable	RID/ADR Dangerous Goods Code: Not Regulated
UN/NA Identification Number: None	UN TDG Class/Packaging Group: Not Regulated
Label: None Required	Hazard Identification Number (HIN): None
Hazard Symbol: None	

12. REGULATORY INFORMATION

CERCLA: None.

SARA Title III.313 Reportable Ingredients: None

California Prop 65: There are no chemicals present in product known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not Controlled.

IDL (Canadian Ingredient Disclosure List): Components of this product identified by CAS number and listed on the Canadian IDL are shown in Section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substance List): Components of this product identified by CAS number are not listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notifications (NSN) regulations.

EINECS (European Inventory of Existing Commercial Chemical Substances): Components of this product identified by CAS numbers are on the European inventory of existing Commercial Chemical Substances unless indicated as "not found".

WGK Water Quality Index: nwg **VbK Index:** not applicable

HMIS HAZARD RATINGS	HEALTH	1	Definitions: *	= Chronic Health Hazard	2 = MODERATE
	FLAMMABILITY	0		0 = INSIGNIFICANT	3 = HIGH
	PHYSICAL HAZARD	0		1 = SLIGHT	4 = EXTREME
	PERSONAL PROTECTIVE EQUIPMENT	E		E	Safety Glasses, Gloves, Dust Respirator

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.

