

## MATERIAL SAFETY DATA SHEET

<b>Section I: <u>Manufacturer</u></b>		<b><u>Customer Service:</u></b>	
<b><u>Extension 113</u></b>			
Moltan Company LP 7125 Riverdale Bend Road Memphis, TN 38125-4442		800-264-5826 • 901-755-5666 Fax • 901-757-0546	
<b>Material Name: ZIX</b>		Prepared: August	
9, 2007			
<b>Chemical Name: Zeolite, Mordenite</b>			
<b>Section II: <u>Hazardous Ingredients / Identity Information</u></b>			
<b><u>Ingredients:</u></b>	<b><u>CAS No.</u></b>	<b><u>Approx %</u></b>	<b><u>Exposure</u></b>
<b><u>Limit</u></b>			
Natural Zeolite var Mordenite Sodium Aluminosilicate	12445-20-4	85	PEL: 6.0mg/m <sup>3</sup> TWA TVL: 6.0mg/m <sup>3</sup> TWA
Silica Crystalline (Cristobalite) SiO <sub>2</sub> TWA	14464-46-1	<1.00	PEL: 5mg/m <sup>3</sup> %
Inert ingredients	<15.00		TVL: 0.05mg/m <sup>3</sup> TWA
<b>Section III: <u>Physical / Chemical Characteristics</u></b>			
Boiling Point – N/A		Specific Gravity (Water=1) – 2.22	
Vapor Pressure (mm Hg) – N/A		Melting Point – N/A	
Vapor Density (Air=1) – N/A		Evaporation Rate – N/A	
Solubility in Water <2.0%		Appearance & Odor – buff to off white, odorless, granular	
<b>Section IV: <u>Fire &amp; Explosion Hazard Data</u></b>			
Flash Point – N/A		Flammable Limits – N/A	
Extinguishing Media – N/A		LEL – N/A	UEL – N/A
Special Fire Fighting Procedures – None		Unusual Fire & Explosion Hazards – None	

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### Section V: Reactivity Data

Stability: Stable

Hazardous Decomposition Products: None                      Hazardous Polymerization: Will not occur

Incompatibility: Hydrofluoric acid may react violently with this product.

### Section VI: Health Hazard Data

Routes of Entry: Inhalation? Yes – Skin? No – Ingestion? No

Health Hazards: Chronic? Years of exposure above the TWA/PEL may cause silicosis.  
(Acute & Chronic)

IARC has classified crystalline silica as a (Group 1) carcinogen.

Carcinogenic: NTP? Respirable – IARC Monographs? 68 – OSHA Regulated? Yes

Signs & Symptoms of Exposure: Cough and shortness of breath

Medical Conditions Aggravated by Exposure: Asthma and other preexisting respiratory and lung diseases

Emergency & First Aid Procedures: If symptoms occur, remove to fresh air.

### Section VII: Precautions for Safe Handling & Use

In case of release or spill, sweep up and reuse or dispose in sanitary landfill.

Storing & Handling Precautions: None – Other Precautions: None

### Section VIII: Control Measures

Respiratory Protection: Use NIOSH approved dust mask when high dust levels are present.

Ventilation: Local Exhaust? Yes – Special? None – Mechanical? N/A – Other? None

Protective Gloves? None – Eye Protection? Safety Glasses – Other Protection? None

### Section IX: Other Information

NFPA Rating: Health=1, Fire=0, Reactivity=0                      HMIS Rating: Health=1, Fire=0, Reactivity=0

TSCA: All product components are listed on the Canadian Domestic Substance List or exempt from notification requirements.

*This information is believed to be accurate. The Moltan Company LP makes no warrant, expressed or implied, and assumes no responsibility as to the accuracy or suitability of this information for application to user's intended purposes or consequences of its use.*

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