

## 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: Moltan Institutional Cat Litter</b>			
Prepared March 1, 2007			
<b>Chemical Name: Kleselguhr, Diatomite</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>			
Diatomaceous Earth	61790-53-2	99.00	PEL: 6mg/m <sup>3</sup> TWA TVL: 6mg/m <sup>3</sup> TWA
Crystalline Silica (Quartz) .0005% respirable	14808-60-7	<1	PEL: 5mg/m <sup>3</sup> % SiO <sub>2</sub> TWA TVL: 0.1 mg/m <sup>3</sup> TWA
Cristobalite	14464-46-1	<1	PEL: 5mg/m <sup>3</sup> % SiO <sub>2</sub> TWA 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 – tan to white odorless solid	
<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 the 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.*