## MATERIAL SAFETY DATA SHEET

Section I: <u>Manufacturer</u> <u>Customer Service:</u>

Extension 113

Moltan Company 800-264-5826 • 901-755-5666 7125 Riverdale Bend Road Fax • 901-757-0546

Memphis, TN 38125-4442

Material Name: UltraSorb Oil Absorbent Prepared: March 2, 2007

Chemical Name: Kieselguhr, Diatomite

Section II: <u>Hazardous Ingredients/Identity Information</u>

Ingredient **Exposure Limit** CAS Number Approx. % Diatomaceous Earth 61790-53-2 99.00 10mg/m³ (total dust) 3mg/m³ (respirable dust) Crystalline Silica (Quartz) 14808-60-7 <1 PEL: 5mg/m<sup>3</sup> % Si0 +2TWA .0005% respirable TLV: 0.1mg/m<sup>3</sup> TWA Cristobolite 14464-46-1 PEL: 5mg/m<sup>3</sup> % Si0 +2TWA <1 TLV: 0.05mg/m3 TWA

Section III: Physical / Chemical Characteristics

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, granular

Section IV: Fire & Explosion Hazard Data

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

Section V: Reactivity Data

Stability: Stable; Hazardous Polymerization: Will not occur; Hazardous decomposition products: None

Incompatibility: Hydrofluoric acid may react violently with the product.

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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

**8.1 Engineering Controls:** Control dust to within the ACGIH-TLV with local ventilation.

8.2 Occupational exposure limits:

EXPOSURE LIMITS TABLE

ACGIH TLV

Diatomaceous Earth < 1% crystalline silica 10 mg/m³ (total dust)

3 mg/m³ (respirable dust)

8.3 Personal Protective Equipment:

Respiratory: Respirators fitted with filters certified to NIOSH (US) standard 42CFR84 under series N95 should be

worn when airborne dust is present.

Skin: Not normally necessary Eye Protection: Safety glasses Face: Not normally necessary

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 EPA TSCA or exempt from notification requirements.

Canadian DSL: All product components are listed on the Canadian Domestic Substance List or exempt from

notification requirements.

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