

**MATERIAL SAFETY DATA SHEET**

<b>Section I: <u>Manufacturer</u></b>	<b><u>Customer Service: Extension 113</u></b>
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**Material Name: Soil Amendments: Red Diamond Field Conditioner****Chemical Name: Montmorillonite                      Prepared: March 1, 2007****Section II: Hazardous Ingredients/Identity Information**

<u>Ingredient</u>	<u>CAS Number</u>	<u>Approx. %</u>	<u>Exposure Limit</u>
Montmorillonite Clay, Calcined	70892-59-0	87-90	PEL: 5mg/m <sup>3</sup> TWA respirable fraction TLV: 10mg/m <sup>3</sup> TWA respirable fraction TLV: 10mg/m <sup>3</sup> TWA inhalable fraction
Crystalline Silica (Quartz) .0008% Respirable	14808-60-7	7-10	PEL: 5mg/m <sup>3</sup> /%SiO <sub>2</sub> +2TWA TLV: 0.1mg/m <sup>3</sup> TWA
Crystalline Silica (Cristobolite)	14464-46-1	<3	PEL: 5mg/m <sup>3</sup> /%SiO <sub>2</sub> +2TWA TLV: 0.05mg/m <sup>3</sup> TWA

**Section III: Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (Water=1)	2.2
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: Reddish brown odorless solid	

**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: Unsaturated organic compounds, such as turpentine and vegetable oil, and hydrofluoric acid may react violently with the product.

**Section VI: Health Hazard Data**

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

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

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

Carcinogenicity: 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

**Red Diamond C. C. Field Conditioner**

Protective Gloves	None	Eye Protection	Safety glasses
Other Protection	None	Work/Hygienic Practices	Minimize dust

**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

*This information is believed to be accurate. The Moltan Company 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.*