

MATERIAL SAFETY DATA SHEET

Section I: Manufacturer
Moltan Company
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Material Name: Soil Amendment

Chemical Name: Montmorillonite

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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 ³ TWA respirable fraction TLV: 10mg/m ³ TWA respirable fraction TLV: 10mg/m ³ TWA inhalable fraction
Crystalline Silica (Quartz) .0008% Respirable	14808-60-7	7-10	PEL: 5mg/m ³ /%SiO ₂ +2TWA TLV: 0.1mg/m ³ TWA
Crystalline Silica (Cristobolite)	14464-46-1	<3	PEL: 5mg/m ³ /%SiO ₂ +2TWA TLV: 0.05mg/m ³ 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.

RED DIAMOND PREMIUM RBI CONDITIONER

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: Disposal must be in compliance with local, state & federal regulations.

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 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

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