MATERIAL SAFETY DATA SHEET

SECTION I NAME
Product: Diatomaceous Earth

SECTION II INGREDIENTS OF MIXTURES
Principal Component(s) % TLV Units
Diatomaceous earth, flux-calcined 100% TWA: 10 mg/m³
Cristobalite: (CAS No. 14464-46-1) < 50% TWA: 0.05 mg/m³
Quartz: (CAS No. 14808-60-7) < 4% TWA: 0.05 mg/m³

CAUTION! HARMFUL IF INHALED. CAUSES IRRITATION TO EYES.

SECTION III PHYSICAL DATA
Melting Point (°F) N/A Specific Gravity (H₂O = 1) 2.3
Boiling Point (°F) N/A Percent Volatile by Volume (%) N/A
Vapor Pressure (mm Hg) N/A Evaporation Rate (as %) N/A
Vapor Density (Air=1) N/A

Solubility in Water Negligible.
Appearance & Odor Fine, white powder; no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
Flash Point ( Method Used) Not flammable.
Extinguisher Media Use any media suitable for extinguishing supporting fire.

SECTION V HEALTH HAZARD DATA
Threshold Limited Value: Diatomaceous Earth: as Silica, amorphous: TWA: 10 mg/m³
Quartz: 0.05 mg/m³; Silica crystalline 0.05 mg/m³ (ACGIH 2001)
Effects of Overexposure: This product contains crystalline silica (suspect cancer hazard), which is considered a hazard by inhalation. May aggravate pre-existing upper respiratory and lung diseases such as bronchitis, emphysema, asthma, etc. May cause irritation of the eyes, throat and nose. In extreme exposures congestion may occur. Target organs: Lungs, eyes.

Emergency and First Aid Procedures:
Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. Eyes: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. Skin: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA
Stability Unstable Conditions to Avoid None known.
Incompatibility (Materials to Avoid) Hydrofluoric acid.

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled:
Avoid creating dust. Shovel or sweep up with the aid of a dust suppressant such as water, place in a suitable container for disposal. Wash spill area with soap and water.

Waste Disposal Method: Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved chemical landfill or contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection: None should be needed in normal laboratory handling. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or respirator.
Ventilation: Local Exhaust Recommended, Special No.
Protective Gloves: Not needed.
Eye Protection: Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing:
Keep container tightly closed when not in use.
Other Precautions: Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

DD0026

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