



ALDON CORPORATION

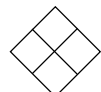
MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: DD0026
Effective Date: January 11, 2007

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Diatomaceous Earth
Chemical Synonyms	Diatomite
Formula	SiO ₂
Unit Size	up to 2.5 Kg.
C.A.S. No.	68855-54-9



CHEMTREC
800-424-9300
Day 585-226-6177

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

Health	1
Fire	0
Reactivity	0

HMIS*

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Diatomaceous earth, flux-calcined	100%	TWA: 10 mg/m ³
Cristobalite: (CAS No. 14464-46-1) Quartz: (CAS No. 14808-60-7)	< 50% < 4%	TWA: 0.05 mg/m ³ TWA: 0.05 mg/m ³
This product may contain up to 54% crystalline silica:		

CAUTION! HARMFUL IF INHALED. CAUSES IRRITATION TO EYES.

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	2.3
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	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.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

No known hazard.

SECTION V HEALTH HAZARD DATA DD0026

Threshold Limited Value	Diatomaceous Earth: as Silica, amorphous: TWA: 10 mg/m ³ Quartz 0.05 mg/m ³ ; Silica crystalline 0.05 mg/m ³ (ACGIH 2001)
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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.
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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.
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SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		

Incompatibility (Materials to Avoid)	Hydrofluoric acid.
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Hazardous Decomposition Products	None known.
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Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

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.
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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.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	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.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Not needed.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Goggles, safety glasses with side shields, lab coat, eye wash station, ventilation hood.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.
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WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Revision No.	10	Date	01/11/07	Approved	James A. Bertsch	Chemical Safety Coordinator	JAB
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

D.O.T. Non Regulated.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20