



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. DD 26
Effective Date February 20, 1999

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	DIATOMACEOUS EARTH	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	0																	
Reactivity	0																	
Chemical Synonyms	Diatomite, Kieselguhr																	
Formula	N/A																	
Unit Size	up to 2.5 Kg.																	
C.A.S. No.	68855-54-9																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Diatomaceous Earth, Flux-calcined	100%	See Section V.
This product may contain up to 63% crystalline silica:		
Cristobalite: (CAS No. 14464-46-1)	<60%	.05 mg/m3 OSHA
Quartz: (CAS No. 14808-60-7)	<3%	.1 mg/m3 OSHA

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	Appreciable.		
Appearance & Odor	Dry, 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.

D.O.T. **NON-REGULATED.**

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

SECTION V HEALTH HAZARD DATA

DD 26

Threshold Limited Value Diatomaceous Earth: as Silica, amorphous: TWA: 10 mg/m³ ACGIH 1992-93

Effects of Overexposure This product contains crystalline silica, 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.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Wash with soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		

Incompatibility (Materials to Avoid) Hydrofluoric Acid.

Hazardous Decomposition Products None known.

Hazardous Polymerization **Conditions to Avoid**

May Occur	Will Not Occur	Not applicable.
	X	

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 (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. Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid breathing dust. Use with adequate ventilation. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 2/20/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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