SAFETY DATA SHEET

Page E1 of E2

Section 1 Chemical Product and Company Identification

Innovating Science[®] by Aldon Corporation

"cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory use only.

Not for drug, food or household use.

Product	DIATOMACEOUS EARTH	
Synonyms	Diatomite	
Section 2	Hazards Identification	
Pictograms Target orga GHS Class STOT-SE (0 STOT-RE (0 GHS Label H335: May	Category 3) Category 2) information: Hazard statement(s): cause respiratory irritation. cause damage to organs (<i>lungs</i>) through prolonged or repeated	Precautionary statement(s): P260: Do not breathe dust. P271: Use only outdoors or in a well-ventilated area. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314: Get medical advice/attention if you feel unwell P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

Ca Prop 65 - WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 3 Composition / Information on Ingredients					
Chemical Name	CAS #	%	EINECS		
Diatomaceous earth, flux calcined	68855-54-9	100%	272-489-0		
This product may contain up to 54% crystalline silica: Cristobalite Quartz	14464-46-1 14808-60-7	<50% <4%	238-455-4 238-878-4		

Section 4 First Aid Measures

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.

INHALATION: MAY CAUSE IRRITATION AND SORENESS IN THROAT AND NOSE. IN EXTREME EXPOSURES SOME CONGESTION MAY OCCUR. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: TEMPORARY IRRITATION OR INFLAMMATION. 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 ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire

Fire Fighting Measures

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Minimize dust generation and accumulation. Use a dust suppressant such as water. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling & Storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Minimize dust generation.

Section 8	Exposure Controls / Personal Protection						
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)	Г		
Exposure Limits.	Silica, crystalline, cristobalite & α -quartz	TWA: 0.025 mg/m ³ (A2) respirable	Not listed	TWA: 0.05 mg/m ³ respirable	1		

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

Section 9	Physical & Chemical Prop	erties					
Appearance: Solid. Fine, white powder Odor: No odor. Odor threshold: Data not available pH: Data not available Melting / Freezing point: Data not available Boiling point: Data not available Flash point: Data not available		Evaporation rate (= 1): Data not available Flammability (solid/gas): Data not available. Explosion limits: Lower / Upper: Data not available Vapor pressure (mm Hg): Data not available Vapor density (Air = 1): Data not available Relative density (Specific gravity): 2.3 Solubility(ies): Negligible in water			Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: Data not available. Viscosity: Data not available. Molecular formula: SiO ₂ Molecular weight: 60.09		
Section 10	Stability & Reactivity						
	Stable : None in designed use. ials: Hydrofluoric acid.	Hazardo	us polymerization:	Will not occur.			
Hazardous decomp	osition products: None knowr	1.					
Section 11	Toxicological Information						
Serious eye damag Respiratory or skin Germ cell mutageni Carcinogenity: Dat NTP: Known to be a IARC classified: Grou OSHA: No componen Reproductive toxici STOT-single expose STOT-repeated exp Aspiration hazard: Potential health effe Inhalation: No hazard Skin: No hazard exp Eyes: Transient irrita Signs and symptom silicosis, a non-cance Additional informat	ation: Data not available e/irritation: Data not available sensitization: Data not available sensitization: Data not available a not available human carcinogen. up 1: Carcinogenic to humans. nt of this product present at leve ty: Data not available ure: The substance or mixture i osure: The substance or mixture Data not available sets: armful if inhaled. d expected. ected. tion. ns of exposure: This product of erous lung disease. ion: RTECS #: VV7325000 [C	Is greater than or s classified as spo re is classified as ontains crystalline	ecific target organ tox specific target organ	icant, single exposur toxicant, repeated ex	e, category 3 w posure, catego	vith respiratory eff ory 2 with respirate	ects ory effects
Section 12	Ecological Information						
Toxicity to algae: No Persistence and dee Mobility in soil: No Other adverse effect Section 13 These disposal guid	and other aquatic invertebrate o data available gradability: No data available	Bioaccumu PBT and vP Innot be excluded lisposal of catalor ordance with all	lative potential: No VB assessment: No in the event of unpro og-size quantities o local, state and fed	o data available ofessional handling or nly. Federal regula	ations may ap		
UN/NA number:		ping name: N	•				
Hazard class: Not Exceptions: Not		ing group: No ERG Guide #		Reportable Qua	ntity: No	Mar	ine pollutant: No
Section 15	Regulatory Information						
	to be listed if the CAS number for t	he anhydrous form i	s on the Inventory list.				
Compone	nt	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	
Diatomaceous earth		Listed	Not listed	Not listed	Listed	Not listed	
Section 16	Other Information						
The information contained dent determinations of s	ed herein is furnished without warrar uitability and completeness of inform ncy for Research on Cancer, OSHA:	nation from all sourc	es to assure proper use	of these materials and t	the safety and he	ealth of employees.	ed by them and must make indepen- NTP: National Toxicology Program, ure, RE: Repeated Exposure,