## SAFETY DATA SHEET

Page E1 of E2

Section 1

Identification

# INNOVATING SCIENCE

"Cutting edge science for the classroom"

By Aldon Corporation 221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.

Product	DIATOMACEOUS EARTH	
Synonyms	Diatomite	
Section 2	Hazards identification	
Pictograms Target orga GHS Classi STOT-SE (C STOT-RE (C GHS Label H335: May 0	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.

#### Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

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 Fire fighting measures

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

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 and storage

ERG: Emergency Response Guidebook.

Form 06/2015

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 prot	ection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Limits.	Silica, crystalline, cristobalite & a-quartz	TWA: 0.025 mg/m <sup>3</sup> (A2) respirable	Not listed	TWA: 0.05 mg/m <sup>3</sup> respirable

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.

		at a standard state a					
Section 9	Physical and chen	nical properties					
oowder Odor: No odor. Odor threshold: D OH: Data not availa Melting / Freezing Boiling point: Data Flash point: Data	able   <b>point:</b> Data not available ta not available not available	e Flammabili Explosion Vapor pres Vapor dens Relative de Solubility(i	n rate (=1): Data not ty (solid/gas): Data not imits: Lower / Upper: sure (mm Hg): Data not ity (Air = 1): Data not a nsity (Specific gravity): es): Negligible in water	available. Data not available t available vailable	Auto-igniti Decompos Viscosity: Molecular		Data not available re: Data not available.
Section 10	Stability and react	ivity					
Chemical stability Conditions to avo	/: Stable bid: None in designed use		rdous polymerization:	Will not occur.			
Incompatible mat	erials: Hydrofluoric acid.						
•	nposition products: Nor						
Section 11	Toxicological infor	mation					
Respiratory or sk Germ cell mutage Carcinogenity: D NTP: Known to be IARC classified: Gi OSHA: No compor Ca Prop 65: A WA Reproductive tox	a human carcinogen. roup 1: Carcinogenic to h nent of this product presen ARNING! This product car <b>icity:</b> Data not available	ot available e umans. nt at levels greater tha n expose you to a cher	nical, crystalline silica, w	hich is known to the	State of Califor	nia to cause cano	cer. ffects
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