

Abbreviations used on this Safety Data Sheet:  
N/av. = Not available, N/ap. = Not applicable, ppm = parts per million, TLV = Threshold Limit Value.  
NFPA Hazard Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-None, X-Blank

SECTION I - IDENTIFICATION OF THE MATERIAL AND SUPPLIER					
PRODUCT NAME:	White Lake Diatomaceous Earth				4 - extreme 3 - high 2 - moderate 1 - slight 0 - insignificant
OTHER NAMES:	Diatomaceous Earth Amorphous Silica				
MATERIAL USE:	Feed Additive, Anti-caking Agent Processing Aid				
MANUFACTURER'S NAME:	DE-Source Inc.			NFPA HAZARD RATING:	
STREET ADDRESS:	3779 Dahle Road			Health - 1, Flammability - 0, Reactivity - 1	
CITY/PROVINCE:	Westfall, OR, USA				
ZIP CODE:	97920				
DISTRIBUTED BY:	Absorbent Products Ltd.				
STREET ADDRESS:	724 Sarcee Street East				
CITY/PROVINCE:	Kamloops, B.C. Canada				
POSTAL CODE:	V2H 1E7				
EMERGENCY TELEPHONE NUMBER:	1-800-667-0336				
SECTION II - HAZARD IDENTIFICATION					
<p><b>CAUTION:</b> Avoid inhaling dust, prolonged and repeated exposure to excessive concentrations of this product's dust containing respirable size (<math>\leq 10 \mu</math>) dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. Avoid contact with eyes, skin, &amp; clothing. Risk of injury is dependent on the duration and level of exposure. <b>A single exposure under normal conditions of use will not result in serious adverse effects.</b></p> <p><b>MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:</b> Pre-existing upper respiratory and lung disease, such as, but not limited to Bronchitis, emphysema, and asthma. May cause slight but temporary irritation to the eyes. May cause slight irritation to the skin.</p> <p><b>CHRONIC TOXICITY:</b> Diatomaceous Earth has not been found to result in elevated risks of cancer, reproductive impairment, or genetic mutations.</p> <p>See SECTION X1 - TOXICOLOGICAL INFORMATION</p>					
SECTION III - COMPOSITION OF SUBSTANCE					
INGREDIENTS	%	CAS NUMBER	OSHA PEL (ACGIH TLV)	LD50/ LC 50 SPECIES AND ROUTE	
Naturally Occurring Diatomaceous Earth	100%	61790-53-2	See Section VIII	N/av.	
This product contains less than 0.1% crystalline silica					
SECTION IV - FIRST AID MEASURES					
<b>Inhalation:</b>	Remove victim to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Acute inhalation can cause dryness of the nasal passage and congestion of the upper respiratory tract.				
<b>Ingestion:</b>	Do not induce vomiting. Short-term exposure not considered harmful. Drink generous amounts of water to reduce bulk and drying effects.				
<b>Eyes:</b>	Wash with large quantities of water. Consult physician if irritation persists. May cause irritation/inflammation.				
<b>Skin:</b>	May cause dryness. Remove contaminated clothing. Wash with soap and water until clean. Use moisture renewing lotions if dryness persists. Product is not absorbed through or by the skin.				

<b>SECTION V - FIREFIGHTING MEASURES</b>				
<b>Flammability</b>	<b>No</b>			
Means of Extinction	<b>N/ap.</b>	Upper Flammability Limit (% by Volume)	<b>N/ap.</b>	
Flashpoint (Method)	<b>Non Flammable</b>	Lower Flammability Limit (% by Volume)	<b>N/ap.</b>	
Auto ignition temperature	<b>N/ap.</b>	Extinguishing Media	<b>N/ap.</b>	
Hazardous Combustion Products	<b>N/ap.</b>	Special Procedures	<b>N/ap.</b>	
<b>Explosion Data</b>				
Sensitivity to Impact	<b>No</b>	Sensitivity to Static Discharge	<b>No</b>	
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>				
<b>PROCEDURE FOR SPILLS / LEAKS:</b>	Avoid creating further dust. Vacuum with equipment fitted with a filter. Alternatively, wet sweep or wash away. Dispose of in accordance with local, State, and Federal Regulations.			
<b>SECTION VII - HANDLING AND STORAGE</b>				
<b>HANDLING PROCEDURES</b>				
Avoid creating dust. Repair or properly dispose of broken bags. Use wet process or enclosed handling.				
<b>STORAGE REQUIREMENTS</b>				
Store in a dry place to maintain. Keep containers closed and in good condition. Repair damaged containers.				
<b>SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>				
<b>PERMISSABLE EXPOSURE LIMITS:</b>	<b>OSHA PEL</b>	<b>ACGIH</b>	<b>OHS</b>	<b>OHS STEL</b>
(for airborne, nuisance dusts)	8 hr TWA	TLV	8 hr TWA	
Diatomaceous earth				
Total dust	15 mg/m <sup>3</sup>	Not detected	4 mg/m <sup>3</sup>	n/a
Respirable dust	5 mg/m <sup>3</sup>	Not detected	1.5 mg/m <sup>3</sup>	n/a
<b>ENGINEERING CONTROLS (SPECIFY, E.G. VENTILATION, ENCLOSED PROCESS)</b>				
Control within recommended TLV/PEL, mechanical filtration to minimize dust. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation systems.				
<b>PERSONAL PROTECTIVE EQUIPMENT</b>				
<b>GLOVES</b>	Not needed under normal conditions of use.			
<b>EYE</b>	Use protective goggles in high dust conditions.			
<b>FOOTWEAR</b>	As required on jobsite.			
<b>CLOTHING</b>	Wear coveralls in high dust conditions.			
<b>RESPIRATOR</b>	Avoid breathing dust. See instructions below			
Bureau of Mines or NIOSH approved respirators for protection against pneumoconiosis producing dusts recommended when dust is present. If the dust concentration is less than ten (10) times the Permissible Exposure Limit (PEL) use quarter or half mask respirator (N95) with replacement dust filter or single use dust respirator with valve. If dust concentration is greater than ten (10) times and less than one hundred (100) times the PEL use full faceplate respirator with replaceable dust filter (N95 filter); if greater than one hundred (100) and less than two hundred (200) times the PEL use power air purifying (positive pressure) respirator with replaceable filter (N95 filters); if greater than two hundred (200) times the PEL use type C, automatic-air respirator, continuous flow type (positive pressure), with full facepiece, head or helmet.				
<b>SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES</b>				
<b>PHYSICAL STATE</b>	solid	<b>ODOR AND APPEARANCE</b>	No odor, white/cream powder	
<b>VAPOR PRESSURE (mm Hg)</b>	N/ap.	<b>DENSITY (20 degrees Celsius)</b>	18 lb/cu. ft. +/- 5	
<b>VAPOR DENSITY (Air = 1)</b>	N/ap.	<b>SOLUBILITY IN WATER</b>	Insoluble, forms	
<b>SPECIFIC GRAVITY (Water=1)</b>	1.8		colloidal suspension	
<b>FREEZING POINT</b>	N/ap.	<b>pH</b>	5.6 - 6.6	
<b>BOILING POINT</b>	N/ap.	<b>EVAPORATION RATE</b>	N/ap.	

SECTION X - STABILITY AND REACTIVITY		
<b>CHEMICAL STABILITY (IF NO, UNDER WHICH CONDITIONS)</b>	YES	X
	NO	
<b>INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, SPECIFY)</b>	YES	X Hydrofluoric acid - silica may react violently
	NO	
<b>REACTIVITY, AND UNDER WHAT CONDITIONS</b>	N/ap.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	N/ap.	
<b>CONDITIONS TO AVOID</b>	None in Designed Use	
SECTION XI - TOXICOLOGICAL INFORMATION		
<b>PRIMARY ENTRY ROUTE(S):</b>		
<b>Eyes:</b>	May cause temporary irritation or inflammation.	
<b>Skin:</b>	May cause dryness with continued exposure.	
<b>Ingestion:</b>	Not considered harmful, by mouth, throat, and/or stomach. Minor irritation may occur.	
<b>Inhalation:</b>	Persistent dry cough, throat irritation and labored breathing on exertion are symptomatic of exposure to airborne dust. Exposure may aggravate existing upper respiratory tract diseases such as asthma, bronchitis or emphysema. <b>Acute (short term)</b> exposure to dust levels exceeding the PEL may cause irritation of respiratory tract resulting in a dry cough. Eyes may develop redness and become itchy. <b>Chronic (long term)</b> exposure to respirable airborne dust, where levels are higher than TLV's, may lead to the development of respiratory problems.	
SECTION XII - ECOLOGICAL INFORMATION		
Product is generally considered chemically inert in the environment. Used product that has become contaminated may have significantly different characteristics than uncontaminated product, and should be re-evaluated accordingly. Dispose of in accordance with Local, State, and Federal regulations.		
SECTION XIII - DISPOSAL CONSIDERATIONS		
Uncontaminated waste is not hazardous as defined by the Resource Conservation and Recovery Act (RCRA, 40 CFR261). Contaminated waste must be evaluated based on contamination source. Consult local agencies as needed. Dispose of in accordance with Local, State, and Federal regulations.		
SECTION XIV - TRANSPORTATION INFORMATION		
<b>DOT Shipping Name:</b> Not Regulated by DOT	<b>Canada TDG:</b> Not Regulated by TDG	
<b>DOT Hazard Class:</b> n/a	<b>Hazard Class:</b> n/a	
<b>Identification #:</b> n/a	<b>UN #:</b> n/a	
SECTION XV - REGULATORY INFORMATION		
<b>OSHA:</b> This material is not considered hazardous.	<b>WHMIS:</b> Uncontrolled product according to WHMIS classification criteria	
<b>EINECS:</b> Not Listed	<b>CND DSL:</b> This product is listed on the DSL	
<b>TSCA:</b> This material is listed in the TSCA inventory and is not otherwise regulated by TSCA sec 4,5,6,7, or 12	<b>NTP:</b> This product contains less than 0.1% crystalline silica.	
<b>Calif Prop 65:</b> Not Listed	<b>RCRA:</b> This material is not defined as hazardous waste	
SECTION XVI - OTHER INFORMATION		
<b>PREPARED BY:</b> Quality Control Staff, Absorbent Products Ltd.	<b>PHONE NUMBER:</b> 1-800-667-0336	<b>DATE:</b> January, 2019
All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances. No warranty or guarantee, expressed or implied is made by Absorbent Products Ltd. as to the information, or as to the safety, toxicity or the effect of this product.		