



753146 AB Ltd. o/a Ultrasol Industries
10755-69 Avenue NW
Edmonton, Alberta, T6H 2C9 Canada
780-432-6535
email: doktordoom@doktordoom.com

SAFETY DATA SHEET

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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:	Doktor Doom Premium Food Grade Diatomaceous Earth Kills Ants			4 - extreme
OTHER NAMES:	SKU 55205 Pcp Act 32561			3 - high
MATERIAL USE:	Insecticide			2 - moderate
COMPANY NAME:	753146 AB Ltd. O/A Ultrasol Industries		NFPA HAZARD RATING: Health - 1, Flammability - 0, Reactivity - 1 REGISTRATION NO. 32561 PEST CONTROL PRODUCTS ACT	1 - slight
STREET ADDRESS:	10755 69 Avenue NW			0 - insignificant
CITY/PROVINCE:	Edmonton, AB Canada			
ZIP CODE:	T6H 2C9			
PHONE:	780-432-6535			
SECTION II - HAZARD IDENTIFICATION				
CAUTION: Avoid inhaling dust, prolonged and repeated exposure to excessive concentrations of this product's dust containing respirable size ($\leq 10 \mu$) 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, & clothing. Risk of injury is dependent on the duration and level of exposure. A single exposure under normal conditions of use will not result in serious adverse effects. MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: 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. CHRONIC TOXICITY: Diatomaceous Earth has not been found to result in elevated risks of cancer, reproductive impairment, or genetic mutations. See SECTION XI - TOXICOLOGICAL INFORMATION				
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				
Inhalation:	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.			
Ingestion:	Do not induce vomiting. Short-term exposure not considered harmful. Drink generous amounts of water to reduce bulk and drying effects.			
Eyes:	Wash with large quantities of water. Consult physician if irritation persists. May cause irritation/inflammation.			
Skin:	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.			

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SECTION V - FIREFIGHTING MEASURES				
Flammability	No			
Means of Extinction	N/ap.	Upper Flammability Limit (% by Volume)	N/ap.	
Flashpoint (Method)	Non Flammable	Lower Flammability Limit (% by Volume)	N/ap.	
Auto ignition temperature	N/ap.	Extinguishing Media	N/ap.	
Hazardous Combustion Products	N/ap.	Special Procedures	N/ap.	
Explosion Data				
Sensitivity to Impact	No	Sensitivity to Static Discharge	No	
SECTION VI - ACCIDENTAL RELEASE MEASURES				
PROCEDURE FOR SPILLS / LEAKS:	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.			
SECTION VII - HANDLING AND STORAGE				
HANDLING PROCEDURES				
Avoid creating dust. Repair or properly dispose of broken bags. Use wet process or enclosed handling.				
STORAGE REQUIREMENTS				
Store in a dry place to maintain. Keep containers closed and in good condition. Repair damaged containers.				
SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION				
PERMISSABLE EXPOSURE LIMITS:	OSHA PEL	ACGIH	OHS	OHS STEL
(for airborne, nuisance dusts)	8 hr TWA	TLV	8 hr TWA	
Diatomaceous earth				
Total dust	15 mg/m ³	Not detected	4 mg/m ³	n/a
Respirable dust	5 mg/m ³	Not detected	1.5 mg/m ³	n/a
ENGINEERING CONTROLS (SPECIFY, E.G. VENTILATION, ENCLOSED PROCESS)				
Control within recommended TLV/PEL, mechanical filtration to minimize dust. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation systems.				
PERSONAL PROTECTIVE EQUIPMENT				
GLOVES	Not needed under normal conditions of use.			
EYE	Use protective goggles in high dust conditions.			
FOOTWEAR	As required on jobsite.			
CLOTHING	Wear coveralls in high dust conditions.			
RESPIRATOR	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.				
SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES				
PHYSICAL STATE	solid	ODOR AND APPEARANCE	No odor, white/cream powder	
VAPOR PRESSURE (mm Hg)	N/ap.	DENSITY (20 degrees Celsius)	18 lb\cu. ft. +/- 5	
VAPOR DENSITY (Air = 1)	N/ap.	SOLUBILITY IN WATER	Insoluble, forms	
SPECIFIC GRAVITY (Water=1)	1.8		colloidal suspension	
FREEZING POINT	N/ap.	pH	5.5 - 6.5	
BOILING POINT	N/ap.	EVAPORATION RATE	N/ap.	

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SECTION X - STABILITY AND REACTIVITY	
CHEMICAL STABILITY (IF NO, UNDER WHICH CONDITIONS)	YES X NO
INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, SPECIFY)	YES X NO Hydrofluoric acid - silica may react violently
REACTIVITY, AND UNDER WHAT CONDITIONS	N/ap.
HAZARDOUS DECOMPOSITION PRODUCTS	N/ap.
CONDITIONS TO AVOID	None in Designed Use
SECTION XI - TOXICOLOGICAL INFORMATION	
PRIMARY ENTRY ROUTE(S): Eyes: May cause temporary irritation or inflammation. Skin: May cause dryness with continued exposure. Ingestion: Not considered harmful, by mouth, throat, and/or stomach. Minor irritation may occur. Inhalation: 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. Acute (short term) 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. Chronic (long term) 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	
DOT Shipping Name: Not Regulated by DOT DOT Hazard Class: n/a Identification #: n/a	Canada TDG: Not Regulated by TDG Hazard Class: n/a UN #: n/a
SECTION XV - REGULATORY INFORMATION	
OSHA: This material is not considered hazardous. EINECS: Not Listed TSCA: This material is listed in the TSCA inventory and is not otherwise regulated by TSCA sec 4,5,6,7, or 12 Calif Prop 65: Not Listed	WHMIS: Uncontrolled product according to WHMIS classification criteria CND DSL: This product is listed on the DSL NTP: This product contains less than 0.1% crystalline silica. RCRA: This material is not defined as hazardous waste
SECTION XVI - OTHER INFORMATION	
Prepared by: Ultrasol Industries Phone: 780-432-6535 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 Ultrasol Industries. as to the information, or as to the safety, toxicity or the effect of this product. Date: Dec 20-2023	