

## Anchem Sales

120 Stronach Cres., London, ON, N5V 3A1 Canada



### PRODUCT NAME: Diatomaceous Earth

### DI500-00

#### SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

**MANUFACTURER:** Same as above  
**PREPARED BY:** Production Department  
**VERSION DATE:** 10-Mar-15  
**TELEPHONE NO.:** (519) 451-1614  
**EMERGENCY PHONE NO.:** (613) 996-6666  
**CHEMICAL FAMILY:** SILICA                      **CHEMICAL FORMULA:** Not Applicable  
**MOLECULAR WEIGHT:** Not Applicable              **MATERIAL USE:** Please Refer to technical literature  
**SYNONYMS:** Aquacel

#### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Flux Calcined Diatomaceous Earth	100	68855-54-9	N.Av.	N.Av.	N.Av.

#### SECTION 03: HAZARD IDENTIFICATION

##### ROUTE OF ENTRY

**Eyes:** May cause slight transient (temporary) eye irritation  
**Skin:** None known  
**Inhalation:** May cause irritation of upper respiratory tract. Irritation and soreness in throat and nose. In extreme exposures some congestion may occur.  
**Ingestion:** None known

#### SECTION 04: FIRSTAID

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists or signs of toxicity occur, seek medical attention.  
**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.  
**Inhalation, Acute:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.  
**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

**Notes to physician:** N.Av.

#### SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

**FLAMMABLE?** No  
**IF YES, UNDER WHICH CONDITIONS?**  
**FLASH POINT (TCC) (C):** NONE  
**FLAMMABLE LIMITS:** **LEL(% BY VOL.):** Not Available    **UEL(% BY VOL.):** Not Available  
**AUTO IGNITION TEMPERATURE (C):** Not Available  
**EXTINGUISHING MEDIA:** Use DRY chemicals, CO2, alcohol foam or water spray.  
**SPECIAL PROCEDURES:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.

**HAZARDOUS COMBUSTION PRODUCTS:** Not Available  
**UNUSUAL FIRE AND EXPLOSION HAZARDS** Not Available  
**SENSITIVITY TO STATIC DISCHARGE** Not Available  
**SENSITIVITY TO MECHANICAL IMPACT:** Not Available

#### SECTION 06: ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedure:** Personal Precautionary Measures: Wear appropriate protective equipment.  
 Environmental Precautionary Measures: Prevent entry into sewers or streams, dike if needed. Consult local authorities.  
 Procedure for Clean Up: Use vacuum suction with HEPA filters to clean up spilled material.  
 Use wet sweeping or dust suppressant where sweeping is necessary.

#### SECTION 07: HANDLING AND STORAGE

##### Handling Procedures and Storage Requirements

Handling: Avoid dust generation. Avoid breathing in dust. Avoid contact with eyes, skin and clothing. Seal broken bags immediately. Empty containers may contain hazardous product residues.

Storage: Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store in accordance with good industrial practices. Place away from incompatible materials

#### SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

**GLOVES/TYPE:** Not normally required.  
**RESPIRATOR/TYPE:** <10X PEL, Use a N95 quarter or half mask respirator; <50X PEL, Use a full face respirator equipped with N95 filter; <200X PEL, Use a powdered air purifying respirator (positive pressure) with N95 filters; >200X PEL, use a full face, type C supplied air respirator (continuous flow mode)  
**EYE/TYPE:** Safety glasses with side shields or chemical goggles.  
**OTHER/TYPE:** Ensure that eyewash stations and safety showers are proximal to the work-station location.  
**ENGINEERING CONTROL** Localized ventilation should be used to control dust levels.

#### SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE/APPEARANCE:</b>	Powder	<b>ODOUR THRESHOLD:</b>	N. Av.
<b>ODOUR:</b>	Odorless	<b>VAPOUR DENSITY (Air=1):</b>	N. Av.
<b>VAPOUR PRESSURE (mm Hg @ 20C):</b>	N. Av.	<b>SPECIFIC GRAVITY:</b>	2.3
<b>EVAPORATION RATE (Ether = 1):</b>	N. Av.	<b>FREEZING POINT (C)</b>	N. Av.
<b>BOILING POINT (C):</b>	N. Av.	<b>% VOLATILE (WT):</b>	N. Av.
<b>Ph (% SOLUTION):</b>	9 - 10.5		
<b>SOLUBILITY IN WATER (% W/W)</b>	Negligible.		

#### SECTION 10: STABILITY AND REACTIVITY

**CHEMICALLY STABLE?** Stable  
**IF NO, UNDER WHICH CONDITIONS?**  
**INCOMPATIBILITY WITH OTHER SUBSTANCES** Yes  
**IF YES, WITH WHICH ONES:** Hydrofluoric acid.  
**SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS**  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Not available.

#### SECTION 11: TOXICOLOGICAL INFORMATION

**EXPOSURE LIMIT OF MATERIAL**  
**LC 50 OF MATERIAL, SPECIES AND ROUTE**  
**LD 50 OF MATERIAL, SPECIES AND ROUTE**  
**CARCINOGENICITY OF MATERIAL**  
**REPRODUCTIVE EFFECTS:**  
**IRRITANCY OF MATERIAL**  
**SENSITIZING CAPABILITY OF MATERIAL**  
**SYNERGISTIC MATERIALS**

**SECTION 12: ECOLOGICAL INFORMATION****AQUATIC TOXICITY****SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.  
Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

**SECTION 14: TRANSPORT INFORMATION**

**TDG CLASSIFICATION** Class 0, Non Regulated

**UN NUMBER:**

**PACKING GROUP:**

**Special Provisions for Transport**

**SECTION 15: REGULATORY INFORMATION**

**WHMIS CLASSIFICATION** D2A  
D2A VERY TOXIC MATERIALS

**SECTION 16: OTHER INFORMATION**

**ABBREVIATIONS USED:** N.Av. = Not Available  
N.App. / N.Ap. = Not Applicable

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**SOURCES:** Supplier MSDS

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