

* * * MATERIAL SAFETY DATA SHEET * * *

PARKSIDE PROFESSIONAL PRODUCTS
4777 Kent Avenue
Niagara Falls, Ontario L2H 1J5
PHONE: (905) 358-8364

PRODUCT NAME: DRYFLOC 300
PRODUCT USE: Absorbent
PRODUCT CODE: ZZDRYFLOC
FAX: (905) 358-9680

HMS RATINGS:
Health 1
Flammability 0
Reactivity 0
PPE C

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666 **Preparation Date:** December 1, 2017

SECTION I - Regulatory Information

WHMIS Classification: D2B

TDG: Not Regulated

SECTION II - Hazardous Ingredients

<u>Chemical Name</u>	<u>Wt/Wt%</u>	<u>CAS #</u>	<u>LD50 (mg/kg)</u>	<u>LC50</u>
Aluminum Sulphate	5-10	10043-01-3	4207 Oral Rat	not available
Crystalline Silica (SiO ₂) as Quartz	2-6	14808-60-7	not available	not available

SECTION III - Physical Data

Physical State: Dry Powder **Bulk Density:** approx. 53lbs/ft³ (at 20°C) **Vapour Pressure (mm Hg @25°C):** Not Applicable
pH : Not Available **Freezing Point:** Not Applicable **Odour/Appearance:** Odourless / Light Tan to Grey
Odour Threshold: Not Available **Boiling Point (°C @ 1 atm):** Not Applicable **Coefficient of Water/Oil Distribution:** Not Available
Vapour Density: Not Applicable **Evaporation Rate:** Not Applicable **Viscosity (cps) @ 25°C:** Not Applicable
Solubility: Insoluble. Forms a colloidal suspension.

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable **Lower Flammable Limit:** Not Applicable
Flash Point & Test Method: None **Auto-Ignition Temperature:** Not Applicable
Conditions of Flammability: Not Flammable **Means of Extinction:** Product will not burn or support combustion.
Sensitivity to Mechanical Impact: Not Available **Sensitivity to Static Discharge:** Not Available
Unusual Fire & Explosion Hazard: None **Hazardous Combustion Products:** Small amounts of carbon & nitrogen oxides.
Special Procedures: Wear full protective equipment including self-contained breathing apparatus for all chemical fires.
Product is slippery when wet.

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable **Special Shipping Information:** Not Applicable
Incompatible Substances: Strong oxidizing agents, strong alkaline materials. **Hazardous Decomposition Products:** None
Conditions of Reactivity: Aluminum sulphate may corrode steel.
Storage Requirements: Store in fiberglass or plastic containers in a cool, dry area where risk of damage to container is minimized.
Keep sealed when not in use.

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Inhalation, Ingestion. **Irritancy of Product:** Skin & eye irritant.
Effects of Acute Exposure: Eye Contact - Can cause irritation.
Skin Contact – May cause irritation & drying, which can cause dermatitis.
Inhalation – Exposure to dust levels exceeding the PEL can irritate the upper respiratory tract & lungs and cause a dry cough.
Ingestion - May cause nausea, vomiting & diarrhea.
Effects of Chronic Exposure: Inhalation – Exposure to airborne particles containing a respirable size (>10µ) quartz particles, where respirable quartz particles are higher than TLV, may lead to silicosis or other respirable problems. Persistent dry cough & laboured breathing upon exertion may be symptomatic.
Permissible Exposure Limits:
Bentonite as "Particulates not otherwise regulated" (formerly nuisance dust)
Total Dust OSHA PEL (8hr. TWA) ACGIH TLV
Respirable Dust 15mg/m³ no data
Crystalline Quartz (respirable) 5mg/m³ no data
0.1mg/m³ 0.1mg/m³
Carcenogenic, Mutagenic, Teratogenic & Developmental Effects: Not listed as a carcinogen by NTP, IARC or OSHA. IARC 1987 concludes that there is limited evidence suggesting the carcinogenicity in humans of inhaled crystalline silica (IARC Class 2A).
Sensitization: Not Available **Synergistic Materials:** Not Available

SECTION VII - First Aid Measures

Eye Contact: Immediately flush with water for 15 minutes while holding eyelids open. Continue flushing if irritation persists.
Skin Contact: Remove contaminated clothing. Wash affected area thoroughly with soap & water. If irritation persists, get medical attention. Launder clothing before re-use.
Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.
Ingestion: Do not induce vomiting. Get medical attention.
Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION VIII - Protective Equipment

Personal Protective Equipment:
Eyes : Not normally required. Safety goggles if excessive dusting occurs. **Gloves:** Impervious gloves are recommended.
Respiration: NIOSH/MSHA respirator approved for silica bearing dusts.
Ventilation: Use sufficient general ventilation. Local exhaust may be necessary where TLV is exceeded.
Special Measures: Cover exposed skin. Eye wash & safety shower should be available.

SECTION IX - Spill/Leak Procedures

Procedures for Leaks or Spills: Wear respirator approved for silica-bearing dusts. Vacuum up or scoop up carefully to prevent dusting conditions. Place into suitable container for re-use or disposal. Avoid using water. Note that residual product when wet will cause very slippery surfaces.
Waste Disposal: Review Federal, Provincial and local government requirements prior to disposal.

SECTION X - Preparation Information

Supplier/Preparer: Parkside Professional Products, 4777 Kent Avenue, Niagara Falls, Ontario L2H 1J5 **Telephone:** (905) 358-8364

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