

* * * MATERIAL SAFETY DATA SHEET * * *

PARKSIDE PROFESSIONAL PRODUCTS

4777 Kent Avenue

Niagara Falls, Ontario L2H 1J5

PHONE: (905) 358-8364

PRODUCT NAME: VESTEC 675

PRODUCT USE: Drain Opener

PRODUCT CODE: FLD675

FAX: (905) 358-9680

HMIS RATINGS:

Health	3
Flammability	0
Reactivity	1
PPE	B

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666

Preparation Date: December 1, 2014

SECTION I - Regulatory Information

WHMIS Classification: E

TDG Classification: Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide, Sodium Hypochlorite) Class 8 UN3266 PGIII

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 (mg/kg Oral/Rat)	LC50 (ppm Inhalation/Rat)
Sodium Hypochlorite	1-5	7681-52-9	8,910	10,500 mg/m ³
Sodium Hydroxide	7-13	1310-73-2	not available	not available
Sodium Metasilicate	1-5	6834-92-0	1,153	not available

SECTION III - Physical Data

Physical State: Liquid	Specific Gravity: 1.11-1.13	Vapour Pressure (mm Hg @25°C): Not Available
Viscosity (cps) @ 25°C: Water Thin	pH: 12.5-13.5	Odour/Appearance: Chlorine/Clear Yellow
Freezing Point: Not Available	Odour Threshold: Not Available	Coefficient of Water/Oil Distribution: Not Available
Vapour Density: Not Available	Evaporation Rate: Not Available	Boiling Point (°C @ 1 atm): Not Available

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable	Lower Flammable Limit: Not Applicable
Flash Point & Test Method: Not Applicable	Auto-Ignition Temperature: None
Conditions of Flammability: Not flammable. However, may generate flammable hydrogen gas on contact with metals. Hydrogen may collect inside containers to explosive levels.	Hazardous Combustion Products: Thermal decomposition may release toxic oxides of phosphorus, sodium of sulphur, as well as toxic chlorine gas.
Sensitivity to Mechanical Impact: Not Sensitive	Sensitivity to Static Discharge: Not Sensitive
Means of Extinction: Use extinguishing materials that are appropriate for surrounding burning material, such as carbon dioxide, foam or dry chemical. If water must be used, use it as a fog.	Special Fire-Fighting Procedures/Equipment: Firefighters should wear appropriate respiratory protection approved by NIOSH/MSHA and protective chemical suits.

SECTION V - Reactivity Data

Conditions of Chemical Instability: Normally Stable	Special Shipping Information: Not Applicable
Hazardous Decomposition Products: Not Available	
Conditions of Reactivity: Avoid fire conditions, temperatures above 40°C and exposure to sunlight. Corrosive to metal.	
Incompatible Substances: Strong acids, oxidizers such as hydrogen peroxide, ammonia and urea, most metals.	
Storage Requirements: Store in plastic or glass containers in a cool, dry area. Keep away from incompatible materials. Store away from acids. Do not expose to temperatures above 40°C.	

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Ingestion, Inhalation	Irritancy of Product: Hazardous by WHMIS Criteria
Effects of Acute Exposure: Eye Contact – Contact can result in pain, redness & watering, with possible corneal damage or blindness if not promptly treated. Contact with mist or spray may cause irritation, pain or burning. Skin Contact – Corrosive to skin. Can cause severe local irritation, burns & blisters. Effects may be delayed Inhalation – High concentration of mist or spray will cause burning or irritation to the nose, throat & lungs. Ingestion – Harmful if fatal if swallowed. May burn mouth, throat & stomach.	
Effects of Chronic Exposure: Skin – Skin conditions aggravated by exposure.	
Carcenogenicity: Non-Hazardous by WHMIS	Teratogenicity: Not Available
Reproductive Effects: Not Available	Mutagenicity: Not Available
	Sensitization: Not Reported
	Synergistic Materials: None Known

SECTION VII - First Aid Measures

Eye Contact:	IMMEDIATELY flush with running water for at least 20 minutes, keeping eyelids open. Contact a physician immediately.
Skin Contact:	Flush with plenty of water for at least 15 minutes, while removing contaminated clothing. Contact a physician immediately. Wash contaminated clothing before reuse. Discard decontaminates leather goods.
Inhalation:	Remove to fresh air. If symptoms persist, contact a physician. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration.
Ingestion:	Immediately contact physician or poison control centre. DO NOT induce vomiting. Give several glasses of water or milk. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs naturally, have victim lean forward to avoid aspiration (breathing in) of material.

SECTION VIII - Protective Equipment

Personal Protective Equipment:

Eyes: Chemical goggles recommended. Face shield when working with large amounts.

Gloves: Rubber, butyl rubber or neoprene gloves are recommended if skin contact might occur.

Respiration: Normally not required. If exposure limits are exceeded, or respiratory irritation occurs, use respirator approved for corrosive mists and chlorine.

Other: As required by workplace standards. An eyewash station or other source of flowing water should be in the area. Chemical safety shower is recommended.

Ventilation: General ventilation adequate for small amounts. If large amounts are present (for example, in a spill) or exposure limits are exceeded, use local exhaust.

SECTION IX - Spill/Leak Procedures

Procedures for Leaks or Spills: Wear adequate personal protective equipment (see Section VIII). Wash thoroughly after handling. Area of spill will be slippery. Avoid release of spilled material into waterways such as streams or lakes. Recover as much of the product as possible. Absorb remainder with inert absorbent, such as vermiculite. Scoop up absorbent and place in corrosion-resistant containers, such as plastic, for disposal. Wash residue with detergent and flush with lots of water. DO NOT use acids to neutralize body of spill.

Waste Disposal: Do not discharge waste material into the environment. Use only licensed waste disposal services. Follow local, provincial or state, and federal regulations.

SECTION X - Preparation Information

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

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