

# \*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

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

**PRODUCT NAME:** VESTEC 150  
**PRODUCT USE:** Machine Dish Detergent Conc.  
**PRODUCT CODE:** FLD150  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 2  
Flammability 0  
Reactivity 0  
PPE B

**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666

**Preparation Date:** December 1, 2014

## SECTION 1 - Regulatory Information

**WHMIS Classification:** E

**TDG Classification:** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide)  
Class 8 UN3262 PGII

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	TLV	LD50	LC50
Sodium Hydroxide	30-60	1310-73-2	2 mg/m <sup>3</sup>	140-340 mg/kg Oral Rat	Not Available
Sodium Carbonate	10-30	497-19-8	Not Available	4,000 mg/kg Oral Rat	Not Available

## SECTION III - Physical Data

**Physical State:** Solid  
**pH:** 13.6 (4%)  
**Freezing Point:** Not Applicable  
**Vapour Density:** Not Applicable  
**Bulk Density:** 0.95-1.05  
**Viscosity (cps) @ 25°C:** Not Applicable  
**Odour Threshold:** Not Applicable  
**Evaporation Rate:** Not Applicable  
**Vapour Pressure (mm Hg @25°C):** Not Applicable  
**Odour/Appearance:** White Granular Powder  
**Coefficient of Water/Oil Distribution:** Not Applicable  
**Boiling Point (°C @ 1 atm):** Not Applicable

## SECTION IV - Fire or Explosion Hazard

**Upper Flammable Limit:** Not Applicable  
**Flash Point & Test Method:** Not Applicable  
**Conditions of Flammability:** Not Flammable  
**Sensitivity to Mechanical Impact:** Not Applicable  
**Means of Extinction:** Dry chemical, carbon dioxide or alcohol foam.  
**Lower Flammable Limit:** Not Applicable  
**Auto-Ignition Temperature:** Not Available  
**Hazardous Combustion Products:** Oxides of carbon  
**Sensitivity to Static Discharge:** Not Applicable

## SECTION V - Reactivity Data

**Conditions of Chemical Instability:** Stable  
**Hazardous Decomposition Products:** Not Available  
**Special Shipping Information:** See TDG Classification for proper shipping name.  
**Storage Requirements:** Store in a cool, dry place, away from incompatibles.  
**Incompatible Substances:** Acids  
**Conditions to Avoid:** Not Applicable

## SECTION VI - Toxicological Properties

**Routes of Entry:** Eyes, Skin Contact, Inhalation, Ingestion.  
**Effects of Acute Exposure:** Eye Contact – CORROSIVE. Causes burns and severe irritation. May cause permanent eye damage.  
Skin Contact – CORROSIVE. Can cause severe irritation and chemical burns.  
Inhalation – Can cause respiratory irritation.  
Ingestion – CORROSIVE. Causes severe burns to digestive system.  
**Irritancy of Product:** Hazardous by WHMIS Criteria

**Effects of Chronic Exposure:** None Known  
**Carcinogenicity:** Non-Hazardous by WHMIS  
**Reproductive Effects:** None Known  
**Teratogenicity:** None Known  
**Sensitization:** None Known  
**Mutagenicity:** None Known  
**Synergistic Materials:** None Known

## SECTION VII - First Aid Measures

**Eye Contact:** Immediately flush with water for 15 minutes. Contact a physician immediately.  
**Skin Contact:** Immediately flush with water. Contact a physician if irritation develops.  
**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink several glasses of water. Contact a physician immediately.  
Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## SECTION VIII - Protective Equipment

**Personal Protective Equipment:**  
**Eyes:** Chemical Splash Goggles/Safety Glasses. Do not wear contact lenses while using this product.  
**Gloves:** Impermeable. Confirm with supplier.  
**Respiration:** Dust mask for dusty conditions.  
**Ventilation:** General ventilation normally adequate.  
**Special Measures:** Avoid contact with skin and eyes. Firefighters should wear self-contained breathing apparatus.

## SECTION IX - Spill/Leak Procedures

**Procedures for Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, labeled containers.  
Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
**Waste Disposal:** Review Federal, Provincial, State and local government requirements prior to disposal.

## SECTION X - Preparation Information

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

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