

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

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

**PRODUCT NAME:** VESTEC 590  
**PRODUCT USE:** Metal-Safe Detergent  
**PRODUCT CODE:** FLD590  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 3  
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 LIQUID, BASIC, INORGANIC, N.O.S.  
(potassium hydroxide) Class 8 UN3266 PGII

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50	LC50
Potassium Hydroxide	30-60	1310-58-3	214 mg/kg Oral Rat	Not Available
Trisodium Nitrilotriacetate	10-30	5064-31-3	920 mg/kg Rat	> 5mg/1 4 Hr Rat
Potassium Silicate	10-30	1344-09-8	1153 mg/kg Rat	Not Available

## SECTION III - Physical Data

<b>Physical State:</b> Liquid	<b>Specific Gravity:</b> 1.2 ± 0.05	<b>Vapour Pressure (mm Hg @25°C):</b> Not Available
<b>pH:</b> 12.5±0.5	<b>Viscosity (cps) @ 25°C:</b> Water Thin	<b>Odour/Appearance:</b> Caustic/Clear Yellow
<b>Freezing Point:</b> Not Available	<b>Odour Threshold:</b> Not Available	<b>Coefficient of Water/Oil Distribution:</b> Not Available
<b>Vapour Density:</b> Not Available	<b>Evaporation Rate:</b> Similar	<b>Boiling Point (°C @ 1 atm):</b> Not Available

## SECTION IV - Fire or Explosion Hazard

<b>Upper Flammable Limit:</b> Not Applicable	<b>Lower Flammable Limit:</b> Not Applicable
<b>Flash Point &amp; Test Method:</b> Not Applicable	<b>Auto-Ignition Temperature:</b> Not Available
<b>Conditions of Flammability:</b> Not Flammable	<b>Hazardous Combustion Products:</b> Oxides of Carbon
<b>Sensitivity to Mechanical Impact:</b> Not Available	<b>Sensitivity to Static Discharge:</b> Not Applicable
<b>Means of Extinction:</b> Treat for surrounding material.	

## SECTION V - Reactivity Data

<b>Conditions of Chemical Instability:</b> Stable	<b>Hazardous Decomposition Products:</b> Not Available
<b>Conditions of Reactivity:</b> Not Applicable	<b>Special Shipping Information:</b> Not Available
<b>Storage Requirements:</b> Store in closed container, away from incompatibles.	
<b>Incompatible Substances:</b> Oxidizing agents, acids.	

## SECTION VI - Toxicological Properties

<b>Routes of Entry:</b> Eyes, Skin Contact, Ingestion, Inhalation	<b>Irritancy of Product:</b> Hazardous by WHMIS Criteria
<b>Effects of Acute Exposure:</b> Eye Contact – CORROSIVE. Causes burns and severe irritation. May cause permanent eye damage.	
Skin Contact – CORROSIVE. Can cause severe irritation and chemical burns.	
Skin Absorption - Not Applicable	
Inhalation - Can cause nose, throat and respiratory tract irritation, coughing and headache.	
Ingestion – CORROSIVE. Causes severe burns to digestive system.	
<b>Effects of Chronic Exposure:</b> <b>Skin</b> - May cause drying, defatting and dermatitis.	

<b>Carcinogenicity:</b> Non-Hazardous by WHMIS	<b>Teratogenicity:</b> Not Available	<b>Mutagenicity:</b> Not Available
<b>Reproductive Effects:</b> Not Available	<b>Sensitization:</b> Not Available	<b>Synergistic Materials:</b> Not Available

## SECTION VII - First Aid Measures

<b>Eye Contact:</b>	Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
<b>Skin Contact:</b>	Immediately flush with water. Contact a physician if irritation develops.
	Completely decontaminate clothing, shoes and leather goods before reuse, or discard.
<b>Inhalation:</b>	Remove to fresh air. If symptoms persist, contact a physician.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water, then drink several glasses of water. Contact a physician.
	Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## SECTION VIII - Protective Equipment

<b>Personal Protective Equipment:</b>	
<b>Eyes:</b>	Safety Glasses
<b>Gloves:</b>	Impermeable
<b>Respiration:</b>	Not normally required if good ventilation is maintained.

**Ventilation:** General ventilation normally adequate.

**Special Measures:** Not Available

## SECTION IX - Spill/Leak Procedures

<b>Procedures for Leaks or Spills:</b> 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.	
<b>Waste Disposal:</b> Review Federal, Provincial and local government requirements prior to disposal.	

## SECTION X - Preparation Information

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

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