

*** 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, 2017

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

Physical State: Liquid	Specific Gravity: 1.2 ± 0.05	Vapour Pressure (mm Hg @25°C): Not Available
pH: 12.5±0.5	Viscosity (cps) @ 25°C: Water Thin	Odour/Appearance: Caustic/Clear Yellow
Freezing Point: Not Available	Odour Threshold: Not Available	Coefficient of Water/Oil Distribution: Not Available
Vapour Density: Not Available	Evaporation Rate: Similar	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: Not Available
Conditions of Flammability: Not Flammable	Hazardous Combustion Products: Oxides of Carbon
Sensitivity to Mechanical Impact: Not Available	Sensitivity to Static Discharge: Not Applicable
Means of Extinction: Treat for surrounding material.	

SECTION V - Reactivity Data

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

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 – 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.	
Effects of Chronic Exposure: Skin - May cause drying, defatting and dermatitis.	

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

SECTION VII - First Aid Measures

Eye Contact:	Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
Skin Contact:	Immediately flush with water. Contact a physician if irritation develops.
	Completely decontaminate clothing, shoes and leather goods before reuse, or discard.
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.
	Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION VIII - Protective Equipment

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

Ventilation: General ventilation normally adequate.

Special Measures: Not Available

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 and local government requirements prior to disposal.	

SECTION X - Preparation Information

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

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