

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

**PARKSIDE PROFESSIONAL PRODUCTS**  
4777 Kent Avenue  
Niagara Falls, Ontario L2H 1J5  
**PHONE:** (905) 358-8364  
**FAX:** (905) 358-9680

**PRODUCT NAME:** VESTEC 128  
**PRODUCT USE:** Metal Safe Machine  
Dish Detergent  
**PRODUCT CODE:** FLD128

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

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

**Preparation Date:** December 1, 2017

**SECTION I - Regulatory Information**

**WHMIS Classification:** E

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

**SECTION II - Hazardous Ingredients**

Chemical Name	Wt/Wt%	CAS #	TLV	LD50 (mg/kg)	LC50 (mg/kg)
Sodium Hydroxide	7-13	1310-73-2	2mg/m <sup>3</sup>	140-340 Oral Rat	Not Available
Sodium Carbonate	30-60	497-19-8	Not Available	4,000 Oral Rat	Not Available
Sodium Metasilicate	15-40	6834920	Not Available	622 Oral Rat	770 Oral Mouse

**SECTION III - Physical Data**

**Physical State:** Solid

**Bulk Density :** 0.95-1.05

**Vapour Pressure (mm Hg @25°C):** Not Applicable

**pH:** 13.0 ± 0.5 (1%)

**Viscosity (cps) @ 25°C:** Not Applicable

**Odour/Appearance:** White Granular Powder

**Freezing Point:** Not Applicable

**Odour Threshold:** Not Applicable

**Coefficient of Water/Oil Distribution:** Not Applicable

**Vapour Density:** Not Applicable

**Evaporation Rate:** Not Applicable

**Boiling Point (°C @ 1 atm):** Not Applicable

**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 Applicable

**Sensitivity to Static Discharge:** Not Applicable

**Means of Extinction:** Dry chemical, carbon dioxide or alcohol foam.

**SECTION V - Reactivity Data**

**Conditions of Chemical Instability:** Stable

**Incompatible Substances:** Acids

**Hazardous Decomposition Products:** Not Available

**Conditions to Avoid:** Not Applicable

**Special Shipping Information:** See TDG Classification for proper shipping name.

**Storage Requirements:** Store in a cool, dry place, away from incompatibles.

**SECTION VI - Toxicological Properties**

**Routes of Entry:** Eyes, Skin Contact, Inhalation, Ingestion.

**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.

Inhalation – Can cause respiratory irritation.

Ingestion – CORROSIVE. Causes severe burns to digestive system.

**Effects of Chronic Exposure:** Not Available

**Carcinogenicity:** Non-Hazardous by WHMIS

**Teratogenicity:** None

**Mutagenicity:** None

**Reproductive Effects:** None

**Sensitization:** Not Applicable

**Synergistic Materials:** None

**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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