

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

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

**PRODUCT NAME:** VESTEC 289  
**PRODUCT USE:** Chlorinated Dish Destain  
**PRODUCT CODE:** FLD289  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 2  
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, D2B

**TDG Classification:** Not Regulated

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 mg/ kg	LC50
Sodium Hypochlorite	3-7	7681-52-9	>2000 Dermal Rabbit	>5250 mg/m <sup>3</sup> Rat 4 Hrs.

## SECTION III - Physical Data

<b>Physical State:</b> Liquid	<b>Specific Gravity:</b> 1.076	<b>Vapour Pressure (mm Hg @25°C):</b> Not Applicable
<b>Viscosity (cps) @ 25°C:</b> Water Thin	<b>pH:</b> 12.5 ± 0.2	<b>Odour/Appearance:</b> Chlorine/ Clear Yellow
<b>Freezing Point:</b> Not Applicable	<b>Odour Threshold:</b> Not Available	<b>Coefficient of Water/Oil Distribution:</b> Not Applicable
<b>Vapour Density:</b> Not Applicable	<b>Evaporation Rate:</b> Not Applicable	<b>Boiling Point (°C @ 1 atm):</b> 100.

## 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> Toxic and/or corrosive fumes.
<b>Sensitivity to Mechanical Impact:</b> Not Applicable	<b>Sensitivity to Static Discharge:</b> Not Applicable
<b>Means of Extinction:</b> Water, Dry Alcohol type All-Purpose Foam, Carbon Dioxide or other Class B Agents.	

## SECTION V - Reactivity Data

**Conditions of Chemical Instability:** Will lose 10% total activity per month at room temperature. Higher temperatures speed decomposition.

**Hazardous Decomposition Products:** Chlorine Gas.

**Conditions of Reactivity:** Chlorine gas is released if product acidified.

**Special Shipping Information:** Exempt from TDG due to <7% free chlorine in solution..

**Storage Requirements:** Use polyethylene, polypropylene, PVC or FRP containers. Store at 1- to 30° C, away from sunlight.

**Incompatible Substances:** Heavy metals, reducing agents, acids, ammonia, glycol alcohol and solvents.

## SECTION VI - Toxicological Properties

<b>Routes of Entry:</b> Eyes, Skin Contact, Ingestion, Inhalation	<b>Irritancy of Product:</b> Corrosive/Irritant
<b>Effects of Acute Exposure:</b>	
Eye Contact - <b>CORROSIVE.</b> Severe irritant.	
Skin Contact - <b>CORROSIVE.</b> May cause moderate irritation.	
Inhalation - <b>CORROSIVE.</b> Fumes can be irritating to mucous membranes. Produces irritation of nose and throat, and coughing.	
Ingestion - <b>CORROSIVE.</b> May result in inflammation of mouth, pharynx, esophagus and stomach. erosion of mucous membranes; hemorrhage and possible coma.	
<b>Effects of Chronic Exposure:</b> None Known	
<b>Carcinogenicity:</b> Not Available	<b>Teratogenicity:</b> Not Available
<b>Reproductive Effects:</b> Not Available	<b>Sensitization:</b> Not Available
	<b>Mutagenicity:</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. Contact a physician.
<b>Skin Contact:</b>	Immediately flush with water for 15 minutes. Contact a physician.
<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion:</b>	Give three to four glasses of milk or water. DO NOT USE BAKING SODA OR ACIDIC ANTIDOTES. Contact a physician.

## SECTION VIII - Protective Equipment

**Personal Protective Equipment:**

**Eyes:** Safety Glasses

**Gloves:** Impermeable

**Respiration:** Not Required

**Ventilation:** It is preferred, but not required, to ventilate storage tanks to the outside.

**Special Measures:** Avoid contact when handling. Do not drop containers.

## SECTION IX - Spill/Leak Procedures

**Procedures for Leaks or Spills:** Transfer to a suitable container. Dilute spill with water and add sodium bisulfate or sulfite. Flush to sewer.  
DO NOT USE COMBUSTIBLE & OXIDIZING MATERIAL (i.e. sawdust).

**Waste Disposal:** Review Federal, Provincial 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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