

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

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

**PRODUCT NAME:** VESTEC 290  
**PRODUCT USE:** Dish Destainer/Sanitizer  
**PRODUCT CODE:** FLD290P & FLD290J-12  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 3  
Flammability 0  
Reactivity 1  
PPE B

**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666      **Preparation Date:** December 1, 2014  
**SECTION 1 - Regulatory Information**

**WHMIS Classification:** D2B; E

**TDG Classification:** HYPOCHLORITE SOLUTION, more than 7% available chlorine Class 8 UN1791 PGII

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50	LC50
Sodium Hypochlorite	10-30	7681-52-9	4445 mg/kg Oral Rat	Not Available

## SECTION III - Physical Data

<b>Physical State:</b> Liquid	<b>Specific Gravity:</b> 1.13 ± 0.015	<b>Vapour Pressure (mm of Hg @20°C):</b> 17.5
<b>Viscosity (cps) @ 25°C:</b> Water Thin	<b>pH:</b> 13.0± 0.5	<b>Odour/Appearance:</b> Chlorine/Clear Pale Yellow
<b>Freezing Point:</b> -25°C	<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> 1.0 (water=1)	<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> Chlorine Gas
<b>Sensitivity to Mechanical Impact:</b> Not Available	<b>Sensitivity to Static Discharge:</b> Not Applicable
<b>Means of Extinction:</b> Water, carbon dioxide, dry chemical.	

## SECTION V - Reactivity Data

<b>Conditions of Chemical Instability:</b> Stable	<b>Conditions of Reactivity:</b> Heat, Sunlight
<b>Special Shipping Information:</b> Not Applicable	

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

**Hazardous Decomposition Products:** Hazardous gas may evolve with aluminum or galvanized metals.  
Chlorine gas may evolve when mixed with acids.

**Incompatible Substances:** Ammonia, metals, and 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 - Can cause severe irritation and burns. Skin Contact - Can cause severe irritation, burns, ulcerations. Onset of pain may be delayed minutes or hours. Inhalation - Can cause sneezing, coughing and discomfort. Ingestion - Can cause pain, burning or gastrointestinal tract irritation, vomiting and diarrhea.	
<b>Effects of Chronic Exposure:</b> Skin - May cause drying, defatting and dermatitis.	
<b>Carcenogenicity:</b> Non-Hazardous by WHMIS	<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 immediately.
<b>Skin Contact:</b>	Immediately flush with water for 15 minutes. 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

### Personal Protective Equipment:

**Eyes:** safety glasses, splash goggles for direct contact

**Gloves:** impervious

**Respiration:** not normally required if good ventilation is maintained

**Ventilation:** General ventilation normally adequate.

**Special Measures:** Avoid ingestion and inhalation. Avoid contact with eyes, skin or clothing.

## 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 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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