

* * * 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 1 - Regulatory Information

WHMIS Classification: E, D2B

TDG Classification: Not Regulated

SECTION II - Hazardous Ingredients

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

SECTION III - Physical Data

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

SECTION IV - Fire or Explosion Hazard

<u>Upper Flammable Limit:</u> Not Applicable	<u>Lower Flammable Limit:</u> Not Applicable
<u>Flash Point & Test Method:</u> Not Applicable	<u>Auto-Ignition Temperature:</u> Not Available
<u>Conditions of Flammability:</u> Not Flammable	<u>Hazardous Combustion Products:</u> Toxic and/or corrosive fumes.
<u>Sensitivity to Mechanical Impact:</u> Not Applicable	<u>Sensitivity to Static Discharge:</u> Not Applicable
<u>Means of Extinction:</u> Water, Dry Alcohol type All-Purpose Foam, Carbon Dioxide or other Class B Agents.	

SECTION V - Reactivity Data

<u>Conditions of Chemical Instability:</u> Will lose 10% total activity per month at room temperature. Higher temperatures speed decomposition.
<u>Hazardous Decomposition Products:</u> Chlorine Gas.
<u>Conditions of Reactivity:</u> Chlorine gas is released if product acidified.
<u>Special Shipping Information:</u> Exempt from TDG due to <7% free chlorine in solution..
<u>Storage Requirements:</u> Use polyethylene, polypropylene, PVC or FRP containers. Store at 1- to 30° C, away from sunlight.
<u>Incompatible Substances:</u> Heavy metals, reducing agents, acids, ammonia, glycol alcohol and solvents.

SECTION VI - Toxicological Properties

<u>Routes of Entry:</u> Eyes, Skin Contact, Ingestion, Inhalation	<u>Irritancy of Product:</u> Corrosive/Irritant
<u>Effects of Acute Exposure:</u> Eye Contact - CORROSIVE . Severe irritant.	
Skin Contact - CORROSIVE . May cause moderate irritation.	
Inhalation - CORROSIVE . Fumes can be irritating to mucous membranes.	
Produces irritation of nose and throat, and coughing.	
Ingestion - CORROSIVE . May result in inflammation of mouth, pharynx, esophagus and stomach.	
erosion of mucous membranes; hemorrhage and possible coma.	

Effects of Chronic Exposure: None Known

Carcenogenicity: Not Available

Teratogenicity: Not Available

Mutagenicity: Not Available

Reproductive Effects: Not Available

Sensitization: Not Available

Synergistic Materials: Not Available

SECTION VII - First Aid Measures

<u>Eye Contact:</u>	Immediately flush with water for 15 minutes. Contact a physician.
<u>Skin Contact:</u>	Immediately flush with water for 15 minutes. Contact a physician.
<u>Inhalation:</u>	Remove to fresh air.
<u>Ingestion:</u>	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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