

* * * 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, 2017

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 ³ Rat 4 Hrs.

SECTION III - Physical Data

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

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:** Toxic and/or corrosive fumes.
Sensitivity to Mechanical Impact: Not Applicable **Sensitivity to Static Discharge:** Not Applicable
Means of Extinction: 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

Routes of Entry: Eyes, Skin Contact, Ingestion, Inhalation **Irritancy of Product:** Corrosive/Irritant
Effects of Acute Exposure: 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

Carcinogenicity: Not Available **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. Contact a physician.
Skin Contact: Immediately flush with water for 15 minutes. Contact a physician.
Inhalation: Remove to fresh air.
Ingestion: 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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