

* * * MATERIAL SAFETY DATA SHEET * * *

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

PRODUCT NAME: VESTEC 580
PRODUCT USE: Conc. Warewash Detergent
PRODUCT CODE: FLD580J, P
FAX: (905) 358-9680

HMIS RATINGS:
Health 3
Flammability 0
Reactivity 0
PPE B

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

WHMIS Classification: E, D2B

TDG Classification: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
(sodium hydroxide) Class 8 UN3266 PGII

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 (mg/kg)	LC50
Sodium Hydroxide	30-60	1310-73-21	500 Oral Rabbit	Not Available

SECTION III - Physical Data

Physical State: Liquid
Viscosity (cps) @ 25°C: Not Available
Freezing Point: -10°C
Vapour Density: Not Applicable

Specific Gravity: 1.250 ± 0.04
pH: 13.5 ± 0.5
Odour Threshold: Not Available
Evaporation Rate: 1

Vapour Pressure (mm Hg @25°C): Not Applicable
Odour/Appearance: Mild Caustic /Clear Red Liquid
Coefficient of Water/Oil Distribution: Not Applicable
Boiling Point (°C @ 1 atm): 100

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable
Flash Point & Test Method: Not Applicable
Conditions of Flammability: Not Flammable
Sensitivity to Mechanical Impact: Not Available
Hazardous Combustion Products: Oxides of Carbon

Lower Flammable Limit: Not Applicable
Auto-Ignition Temperature: Not Available
Means of Extinction: Treat for surrounding materials.
Sensitivity to Static Discharge: Not Applicable

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable
Hazardous Decomposition Products: Not Available
Special Shipping Information: Not Available

Incompatible Substances: Strong oxidizers, strong acids.
Conditions of Reactivity: Not Applicable
Storage Requirements: Store in closed containers, 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**. Will cause chemical burns, which may result in loss of vision.
Skin Contact - **CORROSIVE**. Will cause chemical burns.
Inhalation - **CORROSIVE**. Vapours may cause nausea, dizziness, headache and other medical problems.

Ingestion - **CORROSIVE**. May cause vomiting, headache and other medical problems.

Effects of Chronic Exposure: Prolonged or repeated exposure to skin can cause drying, defatting and dermatitis.

Carcinogenicity: Non-Hazardous by WHMIS **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. If irritation persists, contact a physician.
Skin Contact: Flush with water. Contact a physician if irritation develops. Completely decontaminate clothing before reuse, or discard.
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.
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

Gloves: Impermeable

Respiration: Not normally required is good ventilation is maintained.

Ventilation: General ventilation normally adequate. **Special Measures:** Not Available

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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