

*** MATERIAL SAFETY DATA SHEET ***

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

PRODUCT NAME: VESTEC 460
PRODUCT USE: Chlorinated Warewash Presoak
PRODUCT CODE: FLD460J
FAX: (905) 358-9680

HMIS RATINGS:
Health 2
Flammability 0
Reactivity 1
PPE B

EMERGENCY TELEPHONE NUMBER: CANTUTEC (613) 996-6666 **Preparation Date:** December 1, 2014

SECTION I - Regulatory Information

WHMIS Classification: E, D2B

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

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 mg/kg	LC50
Potassium Hydroxide	10-30	1310-58-3	365 Oral Rat	Not Available
Sodium Silicate	10 - 30	1344-09-8	3300 Oral Rat	Not Available
Sodium Hypochlorite	5-20	7681-52-9	> 2000 Dermal Rabbit	> 5250 mg/m ³ Rat 4 Hours

SECTION III - Physical Data

Physical State: liquid	Specific Gravity: 1.200	Vapour Pressure (mm Hg @25°C): not available
pH: 13.0 ± 0.5	Viscosity (cps) @ 25°C: water thin	Odour/Appearance: chlorine/clear yellow
Freezing Point: not available	Odour Threshold: not available	Coefficient of Water/Oil Distribution: not available
Vapour Density: not available	Evaporation Rate: not available	Boiling Point (°C @ 1 atm): not available

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: Oxides of Carbon
Sensitivity to Mechanical Impact: Not Applicable	Sensitivity to Static Discharge: Not Applicable
Means of Extinction: Dry Chemical, Carbon Dioxide or Alcohol Foam	

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable	Hazardous Decomposition Products: Not Available
Conditions of Reactivity: Generates heat and chlorine gas when reacted to acid.	
Special Shipping Information: See TDG Classification for proper shipping name.	
Storage Requirements: Store in a cool, dry place, away from incompatibles.	
Incompatible Substances: Strong oxidizing agents, aluminum and magnesium metals, acids.	

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Ingestion, Inhalation	Irritancy of Product: Hazardous by WHMIS Criteria
Effects of Acute Exposure: Eye Contact - CORROSIVE. Can cause severe irritation and chemical burns of tissue around the eyes. Skin Contact - CORROSIVE. Can cause severe irritation and chemical burns. Inhalation - CORROSIVE. May cause nose, throat and respiratory tract irritation, coughing and headache. Ingestion - CORROSIVE. May cause nausea, vomiting & medical problems. Can cause burns to mouth & throat.	
Effects of Chronic Exposure: Skin - Prolonged or repeated exposure can cause drying, defatting and dermatitis	
Carcenogenicity: Non-Hazardous by WHMIS	Teratogenicity: Not Available
Reproductive Effects: Not Available	Sensitization: Not Available
	Mutagenicity: 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. Contact a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods 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. Do not wear contact lens while using this product.
Gloves:	Impermeable
Respiration:	Not normally required if good ventilation is maintained.
Ventilation: General ventilation normally adequate.	
Special Measures: Avoid contact with skin and eyes. Firefighters should wear self-contained breathing apparatus.	

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

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.