

# \* \* \* 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

**HMIS RATINGS:**

Health 2

Flammability 0

Reactivity 1

PPE B

**PRODUCT CODE:** FLD460J

**FAX:** (905) 358-9680

**EMERGENCY TELEPHONE NUMBER:** CANTUTEC (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.

(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 <sup>3</sup> 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

**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. 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

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