

* * * MATERIAL SAFETY DATA SHEET * * *

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

PRODUCT NAME: VESTEC 460 as RTU
PRODUCT USE: Chlorinated Warewash Presoak
in RTU dilution
FAX: (905) 358-9680

HMIS RATINGS:
Health 1
Flammability 0
Reactivity 0
PPE B

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

SECTION 1 - Regulatory Information

WHMIS Classification: E, D2B

TDG Classification: Not Regulated

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 mg/kg	LC50
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Doesn't contain hazardous materials to be reported in ready-to-use level.

SECTION III - Physical Data

Physical State: liquid

pH: 12.0 ± 0.5

Freezing Point: not applicable

Vapour Density: not applicable

Specific Gravity: 1.00

Viscosity (cps) @ 25°C: water thin

Odour Threshold: not applicable

Evaporation Rate: not applicable

Vapour Pressure (mm Hg @25°C): not available

Odour/Appearance: chlorine/clear light yellow

Coefficient of Water/Oil Distribution: not available

Boiling Point (°C @ 1 atm): not applicable

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 Applicable

Means of Extinction: Dry Chemical, Carbon Dioxide or Alcohol Foam

Lower Flammable Limit: Not Applicable

Auto-Ignition Temperature: Not Applicable

Hazardous Combustion Products: Oxides of Carbon

Sensitivity to Static Discharge: Not Applicable

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: Not Applicable

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 – Can cause irritation.

 Skin Contact - Can cause irritation.

 Inhalation - May cause nose, throat and respiratory tract irritation, coughing and headache.

 Ingestion - 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: None Known

Mutagenicity: None Known

Reproductive Effects: None Known

Sensitization: None Known

Synergistic Materials: None Known

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 recommended when used extensively for a long period of time.

Gloves: impermeable gloves recommended when used extensively for a long period of time.

Respiration: Not normally required if good ventilation is maintained. Do not create mist.

Ventilation: General ventilation normally adequate.

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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