

# \* \* \* MATERIAL SAFETY DATA SHEET \* \* \*

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

**PRODUCT NAME:** VESTEC 442  
**PRODUCT USE:** Warewash Pre-Soak  
**PRODUCT CODE:** FLD442S  
**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, 2014

## SECTION I - Regulatory Information

**WHMIS Classification:** D2B

**TDG Classification:** Not Regulated

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50	LC50
Sodium Carbonate	15-40	497-19-8	4,000 mg/kg Oral Rat	Not Available
Sodium Metasilicate	1-5	6834-92-0	600 mg/kg Oral Rat	Not Available
Sodium Dichloroisocyanurate Dihydrate	1-5	2893-78-9	700 mg/kg Oral Rat	Not Available

## SECTION III - Physical Data

<b>Physical State:</b> Solid	<b>Bulk Density:</b> 0.95 – 1.05	<b>Vapour Pressure (mm Hg @25°C):</b> Not Applicable
<b>pH:</b> 11.3 (1%)	<b>Viscosity (cps) @ 25°C:</b> Not Applicable	<b>Odour/Appearance:</b> Scented White Granular Powder
<b>Freezing Point:</b> Not Applicable	<b>Odour Threshold:</b> Not Applicable	<b>Coefficient of Water/Oil Distribution:</b> Not Applicable
<b>Vapour Density:</b> Not Applicable	<b>Evaporation Rate:</b> Not Applicable	<b>Boiling Point (°C @ 1 atm):</b> Not Applicable

## SECTION IV - Fire or Explosion Hazard

<b>Upper Flammable Limit:</b> Not Applicable	<b>Lower Flammable Limit:</b> Not Applicable
<b>Flash Point &amp; Test Method:</b> Not Applicable	<b>Auto-Ignition Temperature:</b> Not Available
<b>Conditions of Flammability:</b> Not Flammable	<b>Hazardous Combustion Products:</b> Oxides of carbon.
<b>Sensitivity to Mechanical Impact:</b> Not Applicable	<b>Sensitivity to Static Discharge:</b> Not Applicable
<b>Means of Extinction:</b> Dry chemical, carbon dioxide or alcohol foam.	

## SECTION V - Reactivity Data

<b>Conditions of Chemical Instability:</b> Stable.	<b>Incompatible Substances:</b> Acids, oxidizers, ammonia.
<b>Hazardous Decomposition Products:</b> Not Available	<b>Conditions to Avoid:</b> Contact with acids may produce chlorine gas.
<b>Special Shipping Information:</b> See TDG Classification for proper shipping name.	
<b>Storage Requirements:</b> Store in a cool, dry place, away from incompatibles.	

## SECTION VI - Toxicological Properties

<b>Routes of Entry:</b> Eyes, Skin Contact, Inhalation. Ingestion.	<b>Irritancy of Product:</b> Hazardous by WHMIS Criteria
<b>Effects of Acute Exposure:</b> Eye Contact – Can cause severe irritation. Skin Contact – Can cause severe irritation. Inhalation – May cause respiratory tract irritation. Ingestion – May cause severe irritation.	
<b>Effects of Chronic Exposure:</b> Not Available	
<b>Carcinogenicity:</b> Non-Hazardous by WHMIS	<b>Teratogenicity:</b> None
<b>Reproductive Effects:</b> None	<b>Sensitization:</b> None
	<b>Mutagenicity:</b> None
	<b>Synergistic Materials:</b> Not Available

## SECTION VII - First Aid Measures

<b>Eye Contact:</b>	Immediately flush with water for 15 minutes. Contact a physician.
<b>Skin Contact:</b>	Immediately flush with water. Contact a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods before reuse, or discard.
<b>Inhalation:</b>	Remove to fresh air. If symptoms persist, contact a physician.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water, then drink several glasses of water. Contact a physician immediately. 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 lenses while using this product.

**Gloves:** Impermeable. Confirm with supplier.

**Respiration:** Dust mask for dusty conditions.

**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, State 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.