

# \*\*\* 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, 2017

## SECTION 1 - 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<br>Oral Rat | Not Available |
| Sodium Metasilicate                   | 1-5    | 6834-92-0 | 600 mg/kg<br>Oral Rat   | Not Available |
| Sodium Dichloroisocyanurate Dihydrate | 1-5    | 2893-78-9 | 700 mg/kg<br>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.<br>Skin Contact –Can cause severe irritation.<br>Inhalation – May cause respiratory tract irritation.<br>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.<br>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.<br>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

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