

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

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

**PRODUCT NAME:** VESTEC 455  
**PRODUCT USE:** Warewash Safe Pre-Soak  
**PRODUCT CODE:** FLD455  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 2  
Flammability 0  
Reactivity 0  
PPE B

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

## SECTION 1 - Regulatory Information

**WHMIS Classification:** D2B

**TDG Classification:** Not Regulated

## SECTION II - Hazardous Ingredients

| Chemical Name                    | Wt/Wt% | CAS #     | LD50 (mg/kg)  | LC50          |
|----------------------------------|--------|-----------|---------------|---------------|
| Sodium Dodecylbenzene Sulphonate | 1-10   | 25155-300 | 1260 oral rat | Not Available |
| Sodium Metasilicate              | 1-5    | 6834-92-0 | 800 oral rat  | Not Available |
| Sodium Carbonate                 | 1-30   | 497-19-8  | 4090 oral rat | Not Available |

## SECTION III - Physical Data

**Physical State:** Powder **Bulk Density:** 0.9-1.0 **Vapour Pressure (mm Hg @25°C):** Not Available  
**Viscosity (cps) @ 25°C:** Not Applicable **pH: (1% sol'n):** 11.5 **Odour/Appearance:** Blue, Free-Flowing  
**Freezing Point:** Not Available **Odour Threshold:** Not Available **Coefficient of Water/Oil Distribution:** Not Available  
**Vapour Density:** Not Available **Evaporation Rate:** Similar **Boiling Point (°C @ 1 atm):** Not Available

## SECTION IV - Fire or Explosion Hazard

May support combustion due to the release of oxygen gas in high temperature conditions.

**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 Available **Sensitivity to Static Discharge:** Not Available  
**Means of Extinction:** Treat for surrounding material.

## SECTION V - Reactivity Data

**Conditions of Chemical Instability:** Stable **Hazardous Decomposition Products:** None Known  
**Conditions of Reactivity:** Not Applicable **Special Shipping Information:** Not Applicable  
**Storage Requirements:** Store in closed containers, away from incompatible materials, heat and moisture.  
**Incompatible Substances:** acids, reducing agents, chlorinated products

## SECTION VI - Toxicological Properties

**Routes of Entry:** Eyes, Skin Contact, Ingestion. **Irritancy of Product:** Hazardous by WHMIS Criteria  
**Effects of Acute Exposure:** Eye Contact - May cause severe irritation.  
Skin Contact - May result in irritation under repeated or prolonged contact.  
Skin Absorption - none known  
Inhalation - Breathing dust may cause respiratory irritation.  
Ingestion - May cause vomiting, headache and medical problems.  
**Effects of Chronic Exposure:** Skin - Prolonged and repeated contact may cause drying, defatting.

**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. If irritation persists, see a physician.  
**Skin Contact:** Flush with water. Contact a physician if irritation develops.  
**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:** Not normally required.  
**Gloves:** Impermeable gloves.  
**Respiration:** Not normally required if good ventilation is maintained.

**Ventilation:** General ventilation normally adequate. **Special Measures:** None Known

## 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.