

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

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

**PRODUCT NAME:** VESTEC 914M  
**PRODUCT USE:** Silicated Laundry Booster  
**PRODUCT CODE:**  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 3  
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:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.  
(potassium hydroxide, sodium metasilicate) 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 |

## SECTION III - Physical Data

|                                      |                                           |                                                             |
|--------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| <b>Physical State:</b> liquid        | <b>Specific Gravity:</b> 1.200            | <b>Vapour Pressure (mm Hg @25°C):</b> not available         |
| <b>pH:</b> 13.5 ± 0.5                | <b>Viscosity (cps) @ 25°C:</b> water thin | <b>Odour/Appearance:</b> clear liquid                       |
| <b>Freezing Point:</b> not available | <b>Odour Threshold:</b> not available     | <b>Coefficient of Water/Oil Distribution:</b> not available |
| <b>Vapour Density:</b> not available | <b>Evaporation Rate:</b> not available    | <b>Boiling Point (°C @ 1 atm):</b> not available            |

## 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>Hazardous Decomposition Products:</b> Not Available |
| <b>Conditions of Reactivity:</b> Generates heat when reacted with acid.               |                                                        |
| <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.     |                                                        |
| <b>Incompatible Substances:</b> Strong oxidizing agents, acids.                       |                                                        |

## SECTION VI - Toxicological Properties

|                                                                                                                                              |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Routes of Entry:</b> Eyes, Skin Contact, Ingestion, Inhalation                                                                            | <b>Irritancy of Product:</b> Hazardous by WHMIS Criteria |
| <b>Effects of Acute Exposure:</b> Eye Contact – <b>CORROSIVE</b> . Can cause severe irritation and chemical burns of tissue around the eyes. |                                                          |
| Skin Contact – <b>CORROSIVE</b> . Can cause severe irritation and chemical burns.                                                            |                                                          |
| Inhalation – <b>CORROSIVE</b> . May cause nose, throat and respiratory tract irritation, coughing and headache.                              |                                                          |
| Ingestion – <b>CORROSIVE</b> . 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

|                                                |                                      |                                             |
|------------------------------------------------|--------------------------------------|---------------------------------------------|
| <b>Carcenogenicity:</b> Non-Hazardous by WHMIS | <b>Teratogenicity:</b> Not Available | <b>Mutagenicity:</b> Not Available          |
| <b>Reproductive Effects:</b> Not Available     | <b>Sensitization:</b> Not Available  | <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. |
|                      | 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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