

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

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

**PRODUCT NAME:** VESTEC 355  
**PRODUCT USE:** Glasswash Detergent  
**PRODUCT CODE:** FLD355J  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 3  
Flammability 0  
Reactivity 0  
PPE B

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

## SECTION 1 - Regulatory Information

**WHMIS Classification:** E

**TDG Classification:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.  
(potassium hydroxide) Class 8 UN3266 PGII

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	TLV	LD50	LC50
Potassium Hydroxide	30-60	1310-58-3	2 mg/m <sup>3</sup>	365 mg/kg Oral Rat	Not Available
Potassium Silicate	3-8	1312-76-1	Not Available	Not Available	Not Available

## SECTION III - Physical Data

**Physical State:** Liquid

**Specific Gravity:** 1.2 ± 0.05

**Vapour Pressure (mm Hg @25°C):** Not Available

**pH:** 12.5±0.5

**Viscosity (cps) @ 25°C:** Water Thin

**Odour/Appearance:** Caustic/Clear Orange

**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

**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 Applicable

**Means of Extinction:** Treat for surrounding material.

## SECTION V - Reactivity Data

**Conditions of Chemical Instability:** Stable

**Hazardous Decomposition Products:** Not Available

**Conditions of Reactivity:** Not Applicable

**Special Shipping Information:** Not Available

**Storage Requirements:** Store in closed container, away from incompatibles.

**Incompatible Substances:** Oxidizing agents, 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 – CORROSIVE. Causes burns and severe irritation. May cause permanent eye damage.

Skin Contact – CORROSIVE. Can cause severe irritation and chemical burns.

Skin Absorption - Not Applicable

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

Ingestion – CORROSIVE. Causes severe burns to digestive system.

**Effects of Chronic Exposure:** Skin - May cause drying, defatting and dermatitis.

**Carcinogenicity:** Non-Hazardous by WHMIS

**Teratogenicity:** Not Available

**Mutagenicity:** Not Available

**Reproductive Effects:** Not Available

**Sensitization:** Not Available

**Synergistic Materials:** Not Available

## SECTION VII - First Aid Measures

**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, 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

**Gloves:** Impermeable

**Respiration:** Not normally required if good ventilation is maintained.

**Ventilation:** General ventilation normally adequate.

**Special Measures:** Not Available

## 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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