

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

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

**PRODUCT NAME:** VESTEC 742  
**PRODUCT USE:** Laundry Alkali Builder  
**PRODUCT CODE:** FLD742  
**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, 2017

## SECTION I - Regulatory Information

**WHMIS Classification:** D2B, E

**TDG:** DISODIUM TRIOXOSILICATE, N.O.S. (sodium metasilicate)  
Class 8 UN3253 PGIII

## SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50/LC50 (mg/kg)
disodium trioxosilicate pentahydrate	80-100	6834-92-0	Acute: 622 oral rat, 770 oral mouse

## SECTION III - Physical Data

<b>Physical State:</b> Powder	<b>Bulk Density:</b> Not Applicable	<b>Vapour Pressure (mm Hg @25°C):</b> Not Applicable
<b>pH:</b> 12± 0.5	<b>Odour/Appearance:</b> Odourless/White	<b>Freezing Point:</b> Not Applicable
<b>Odour Threshold:</b> Not Applicable	<b>Boiling Point (°C @ 1 atm):</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>Viscosity (cps) @ 25°C:</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 Applicable
<b>Conditions of Flammability:</b> Not Flammable	<b>Means of Extinction:</b> Treat for surrounding materials.
<b>Sensitivity to Mechanical Impact:</b> Not Applicable	<b>Sensitivity to Static Discharge:</b> Not Available
<b>Hazardous Combustion Products:</b> Not Applicable	<b>Unusual Fire &amp; Explosion Hazard:</b> Not Available

## SECTION V - Reactivity Data

<b>Conditions of Chemical Instability:</b> Stable	
<b>Incompatible Substances:</b> Strong acids may promote acid/base reaction and generate some heat.	
<b>Conditions of Reactivity:</b> Not Applicable	<b>Special Shipping Information:</b> Not Applicable
<b>Storage Requirements:</b> Store in closed containers. away from incompatibles.	<b>Hazardous Decomposition Products:</b> None Available

## SECTION VI - Toxicological Properties

<b>Routes of Entry:</b> Eyes, Skin Contact, Inhalation, Ingestion.	<b>Irritancy of Product:</b>
<b>Effects of Acute Exposure:</b> Eye Contact - CORROSIVE. Can result in permanent damage.	
Skin Contact - CORROSIVE. Can result in permanent damage.	
Inhalation - CORROSIVE. Can result in irreversible damage.	
Ingestion - CORROSIVE. Can result in irreversible damage.	
<b>Effects of Chronic Exposure:</b> Skin - Prolonged or repeated exposure may cause moderate to severe irritation in the form of dermatitis of skin, varying degree of respiratory irritation or lung damage.	

**Carcinogenicity:** None  
**Teratogenicity:** Not Available  
**Sensitization:** Not Available

**Mutagenicity:** None  
**Reproductive Effects:** Not Available  
**Synergistic Materials:** Not Available

## SECTION VII - First Aid Measures

<b>Eye Contact:</b>	Immediately flush with water for 15 minutes. If irritation persists, seek medical attention.
<b>Skin Contact:</b>	Flush with water. Contact a physician if irritation develops.
<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 one to four 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 for dust conditions.  
**Gloves:** Impermeable gloves are recommended.  
**Respiration:** Not normally required if good ventilation is maintained. Use dust mask for dusty conditions.  
**Ventilation:** General ventilation normally adequate.  
**Special Measures:** 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

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.