

*** MATERIAL SAFETY DATA SHEET ***

PARKSIDE PROFESSIONAL PRODUCTS

4777 Kent Avenue
Niagara Falls, Ontario L2H 1J5

PHONE: (905) 358-8364

PRODUCT NAME: VESTEC 321

PRODUCT USE: Phosphate-Free
Dishwash Detergent

PRODUCT CODE: FLD321

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/LC50
Sodium Metasilicate	7-13	6834-92-0	1,153 mg/kg Oral Rat
Sodium Carbonate	30-60	497-19-8	4,090 mg/kg Oral Rat

SECTION III - Physical Data

Physical State: Solid	Bulk Density: 0.95-1.0	Vapour Pressure (mm Hg @25°C): Not Applicable
pH (at 1% sol'n): maximum 11.5	Viscosity (cps) @ 25°C: Not Applicable	Odour/Appearance: Lemon/ Free-Flowing White
Freezing Point: Not Applicable	Odour Threshold: Not Applicable	Coefficient of Water/Oil Distribution: Not Applicable
Vapour Density: Not Applicable	Evaporation Rate: Not Applicable	Boiling Point (°C @ 1 atm): Not Applicable

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 Applicable	Means of Extinction: Treat for surrounding materials.
Sensitivity to Mechanical Impact: Not Applicable	Sensitivity to Static Discharge: Not Applicable
Hazardous Combustion Products: Not normally considered combustible. May produce chlorine gas if mixed with acids.	

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable

Incompatible Substances: Oxidizing agents, acids, ammoniated products, chlorinated products.

Hazardous Decomposition Products: None anticipated.

Conditions of Reactivity: Not Applicable

Special Shipping Information: Keep dry during transport. Protect against extreme humidity.

Storage Requirements: Store in a cool, dry place, in closed containers.

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, inhalation. Ingestion.	Irritancy of Product: Hazardous by WHMIS Criteria
Effects of Acute Exposure: Eye Contact – May cause severe irritation and cause permanent damage if not treated promptly.	
Skin Contact – May cause severe irritation and cause temporary or permanent damage if not treated promptly.	
Skin Absorption - Not Applicable	
Inhalation - Do not breathe dust. May cause respiratory irritation.	
Ingestion - May cause nausea, vomiting and diarrhea. Can cause severe irritation of digestive tract.	
Effects of Chronic Exposure: None Known	
Carcinogenicity: None Known	Teratogenicity: None Known
Reproductive Effects: None Known	Mutagenicity: None Known
	Synergistic Materials: None Known

SECTION VII - First Aid Measures

Eye Contact:	Immediately flush with water for 15 minutes. Contact a physician.
Skin Contact:	Immediately flush with water. Contact a physician if irritation develops.
Inhalation:	Remove to fresh air. If symptoms persist, contact a physician.
Ingestion:	Induce vomiting. 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: Protective Mask Respirator

Ventilation: Dust collector or fan.

Special Measures: Avoid breathing dust.

SECTION IX - Spill/Leak Procedures

Procedures for Leaks or Spills: Wash with plenty of water.

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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