

* * * MATERIAL SAFETY DATA SHEET * * *

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

PRODUCT NAME: VESTEC 691
PRODUCT USE: Descaler
PRODUCT CODE: FLD691J
FAX: (905) 358-9680

HMIS RATINGS:
Health 3
Flammability 0
Reactivity 2
PPE B

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666

Preparation Date: December 1, 2014

SECTION I - Regulatory Information

WHMIS Classification: D2B, E

TDG: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
(phosphoric acid) Class 8 UN3264 PGIII

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	LD50 (mg/kg)	LC50
Nitric Acid	5-10	7697-37-2	3,124 Oral Inhalation Rat 4 Hr	Not Available
Phosphoric Acid	30-60	7664-38-2	1530 Oral Rat	850 mg/m ³ Rat

SECTION III - Physical Data

Physical State: Liquid	Specific Gravity: 1.210	Vapour Pressure (mm Hg @25°C): Not Available
Viscosity (cps) @ 25°C: Water Thin	pH: <1.0	Appearance: Clear Liquid
Freezing Point: Not Available	Odour Threshold: Not Available	Coefficient of Water/Oil Distribution: Not Available
Vapour Density: Not Available	Evaporation Rate (water=1): ~1	Boiling Point (°C @ 1 atm): 100

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable	Lower Flammable Limit: Not Applicable
Flash Point & Test Method: None	Auto-Ignition Temperature: Not Available
Conditions of Flammability: Not Flammable	Sensitivity to Static Discharge: Not Available
Sensitivity to Mechanical Impact: Not Available	Hazardous Combustion Products: Oxides of carbon and phosphorus.
Means of Extinction: Treat for surrounding materials. Corrosive material. Container may burst in heat of fire.	

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable	Special Shipping Information: Not Applicable
Incompatible Substances: Bases	Conditions of Reactivity: Not Applicable
Storage Requirements: Store in closed containers, away from incompatible materials.	
Hazardous Decomposition Products: Not Available	

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Inhalation, Ingestion.	Irritancy of Product: Corrosive
Effects of Acute Exposure: Eye Contact - Can cause burns, severe corneal damage & blindness. Skin Contact - Can cause redness, burns, pain & blistering. Inhalation - Can cause nose, throat and respiratory tract irritation, coughing & headache. Ingestion - May cause vomiting, headache & medical problems.	
Effects of Chronic Exposure: Skin - Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
Carcinogenicity: Non-Hazardous by WHMIS Criteria.	Mutagenicity: Not Available
Teratogenicity: 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 for 15 minutes. Contact a physician if irritation develops. Completely decontaminate clothing, shoes & 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 one glass 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	Gloves: Impermeable
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 Av, Niagara Falls, Ontario L2H 1J5
Preparer: Parkside Professional Products, 4777 Kent Av, Niagara Falls, Ontario L2H 1J5

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