

* * * MATERIAL SAFETY DATA SHEET * * *

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

PRODUCT NAME: VESTEC 690
PRODUCT USE: Descaler
PRODUCT CODE: FLD690J
FAX: (905) 358-9680

HMIS RATINGS:
Health 1
Flammability 0
Reactivity 1
PPE B

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666 **Preparation Date:** December 1, 2017

SECTION I - Regulatory Information

WHMIS Classification: D2B - not corrosive to skin; corrosive to aluminum; mildly corrosive to steel **TDG:** Not Regulated

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	TLV	LD50 (mg/kg)	LC50
Organic Salt	10-30	506-89-8	not available	not available	not available

SECTION III - Physical Data

Physical State: Liquid	Specific Gravity: 1.033	Vapour Pressure (mm Hg @25°C): Not Available
Viscosity (cps) @ 25°C: Water Thin	pH: 0.7-1.2	Odour/Appearance: Mild/ Clear
Freezing Point: Not Available	Odour Threshold: Not Available	Coefficient of Water/Oil Distribution: Not Available
Vapour Density: Not Available	Evaporation Rate: Not Available	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: Does not ignite.	Auto-Ignition Temperature: Not Available
Conditions of Flammability: Not Flammable	Means of Extinction: Treat for surrounding materials.
Sensitivity to Mechanical Impact: Not Available	Sensitivity to Static Discharge: Not Available
Hazardous Combustion Products: Not Available	
Unusual Fire & Explosion Hazard: At temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas. Avoid breathing decomposition products.	

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable up to 110°C/230°F	Special Shipping Information: Not Applicable
Incompatible Substances: Oxidizing agents, strong alkaline material, aluminum.	
Storage Requirements: Store in closed containers, away from incompatibles.	Conditions of Reactivity: Not Applicable
Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.	

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Inhalation, Ingestion.	Irritancy of Product: Acute exposure is irritating.
Effects of Acute Exposure: Eye Contact - May cause moderate to high irritation. Skin Contact - Non-corrosive to skin as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS Regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemical, Number 404 "Acute Dermal Irritation/Corrosion". Inhalation - If inhaled as a mist vapour it can cause nose, throat and respiratory tract irritation, coughing and headache. Ingestion - May cause nausea, vomiting and medical problems.	
Effects of Chronic Exposure: Skin - Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
Carcinogenicity: Non-Hazardous by WHMIS Criteria. Not listed on NTP, IARC, ACGIH.	
Mutagenicity: The active was found not to be mutagenic when tested by the Ames Assay (OECD Guideline for Testing of Chemicals Sec. 471).	
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, seek medical attention.
Skin Contact:	Flush with water. Contact a physician if irritation develops.
Inhalation:	Remove to fresh air. If symptoms persist, contact a physician.
Ingestion:	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
Gloves: Impermeable
Respiration: Not normally required if good ventilation is maintained.
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

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