

*** MATERIAL SAFETY DATA SHEET ***

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

PRODUCT NAME: VESTEC 450
PRODUCT USE: Liquid Silver Soak
PRODUCT CODE: FLD450P
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 #	TLV	LD50	LC50
Dodecyl Benzene Sulphonic Acid	5-15	27176-87-0	Not Available	1000mg/kg oral rat	Not Available
Ethanolamine	1-5	141-43-5	7.5mg/m ³	1720mg/kg oral rat	Not Available
1,2 - Propanedial	5-15	57-55-6	Not Available	33700mg/kg oral rat	Not Available

SECTION III - Physical Data

Physical State: Liquid **Specific Gravity:** Not Available **Vapour Pressure (mm Hg @25°C):** Not Available
Viscosity (cps) @ 25°C: Not Available **pH:** 9.5-10.5 **Odour/Appearance:** Mild Chemical/ Clear Green-Blue
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 Available
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 a cool, dry place, away from incompatible materials.
Incompatible Substances: Strong oxidizers, acids and chlorine.

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Ingestion. **Irritancy of Product:** Hazardous by WHMIS Criteria
Effects of Acute Exposure: Eye Contact - May cause irritation.
 Skin Contact - Not Applicable
 Skin Absorption - Not applicable for normal use.
 Inhalation - Not Applicable
 Ingestion - May cause vomiting, headache and medical problems.
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: 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 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: None required for normal use.
Gloves: Impermeable gloves suggested for handling concentrate.
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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