

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

## SECTION I – Chemical Product & Company Identification

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

**PRODUCT NAME:** Vestec 540  
**PRODUCT USE:** Dish Detergent  
**PRODUCT CODE:** FLD540J, P  
**FAX:** (905) 358-9680

**HMIS RATINGS:**  
Health 3  
Flammability 0  
Reactivity 0  
PPE B

**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666 **Preparation Date:** December 1, 2014

## SECTION 2 – Hazard Identification

### EMERGENCY OVERVIEW

**DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.**

**Principle Routes of Exposure:** eye contact, skin contact, inhalation, ingestion.

### Acute Effects

**Eye Contact:** Corrosive. May cause permanent eye damage.  
**Skin Contact:** Corrosive. May cause severe irritation or burn.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Corrosive. May cause burns to mouth, throat and stomach.

See Toxicological information (Section 11 and 3)

## SECTION 3 – Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Wt/Wt%</u>	<u>CAS #</u>	<u>LD50 (mg/kg)</u>	<u>LC50</u>
Sodium Hydroxide	15-40	1310-73-21	500 Oral Rabbit	Not Available
Sequestering Agent (water softening agent)	10-30	005064-31-3	1100 Oral Rat	Not Available

## SECTION 4 - First Aid Measures

**Eye Contact:** Flush with water for 15 minutes. Contact a physician if needed.  
**Skin Contact:** Wash with water after use.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** Immediately drink plenty of water. If discomfort persists, get medical attention.

## SECTION 5 - Fire Fighting Measures

**Upper Flammable Limit:** not applicable  
**Lower Flammable Limit:** not applicable  
**Flash Point & Test Method:** not applicable  
**Auto-Ignition Temperature:** not applicable  
**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 applicable  
**Unusual Fire & Explosion Hazard:** not applicable

## SECTION 6 – Accidental Release Measures

**Personal Precautions:** Use suitable protective equipment (Section 8). Keep out of reach of children.  
**Environmental Precautions:** Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses in larger volumes.  
**Methods for Cleaning Up:** For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## SECTION 7 – Handling & Storage

**Storage Requirements:** Keep out reach of children. Keep container in a cool, well-ventilated area.  
Keep container tightly closed.

## SECTION 8 – Exposure Controls and Protective Protection

**Engineering Measures to Reduce Exposure:** Good general ventilation should be sufficient to control airborne levels.  
Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment:

**Eye Protection:** Chemical splash goggles.

**Hand Protection:** Chemical resistant gloves

**Skin and Body Protection:** Protective footwear.

If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment.

**Ventilation:** No special ventilation requirements. General room ventilation is adequate.

**Hygiene Measures:** Keep away from food, drink and animal feeding stuffs.

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 - Physical & Chemical Properties

**Physical State:** Liquid

**Viscosity (cps) @ 25°C:** Not Available

**Vapour Pressure (mm Hg @25°C):** Not Applicable

**Freezing Point:** -10°C

**Coefficient of Water/Oil Distribution:** Not Applicable

**Evaporation Rate:** 1

**Specific Gravity:** 1.250 ± 0.04

**pH:** 13.5 ± 0.5

**Odour/Appearance:** Mild Caustic /Clear Liquid

**Odour Threshold:** Not Available

**Vapour Density:** Not Applicable

**Boiling Point (°C @ 1 atm):** >100

## SECTION 10 – Stability & Reactivity

**Conditions of Chemical Instability:** Stable

**Special Shipping Information:** Not Applicable

**Incompatible Substances:** Oxidizing agents

**Hazardous Decomposition Products:** Not Available

**Storage Requirements:** Store in closed containers, away from incompatibles.

Use corrosion-resistant structural materials for containment.

**Conditions of Reactivity:** Not Applicable

## SECTION 11 - Toxicological Information

**Routes of Entry:** Eyes, Skin Contact, Inhalation, Ingestion.

**Irritancy of Product:** Hazardous by WHMIS Criteria

**Effects of Acute Exposure:** Eye Contact - **CORROSIVE**. Will cause chemical burns, which may result in loss of vision.

Skin Contact - **CORROSIVE**. Will cause chemical burns.

Inhalation - **CORROSIVE**. Vapours may cause nausea, dizziness, headache and other medical problems.

Ingestion - **CORROSIVE**. May cause vomiting, headache and other medical problems.

**Effects of Chronic Exposure:** Prolonged or repeated contact with spray mist may produce chronic eye irritation & severe skin irritation.

Prolonged or repeated exposure to spray mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

Prolonged or repeated exposure can cause drying, defatting & dermatitis.

**Carcinogenicity:** Non-Hazardous by WHMIS

**Teratogenicity:** Not Available

**Mutagenicity:** Not Available

**Reproductive Effects:** Not Available

**Sensitization:** Not Available

**Synergistic Materials:** Not Available

## SECTION 12 - Ecological Information

**Biodegradability:** considered biodegradable

**BOD/COD Values:** not available

**Ecotoxicity:** not applicable

## SECTION 13 – Disposal Consideration

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial & local regulations prior to disposal. Consult your local or regional authorities.

## SECTION 14 – Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN CLASSIFICATION:** 3266 **TDG:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide) Class 8 PGII

See shipping documents for specific transportation information

## SECTION 15 – Regulatory Information

**WHMIS:** E, D2B

**Canada Inventory:** Not Applicable

## SECTION 16 - Other 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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