

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

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| <b>PARKSIDE PROFESSIONAL PRODUCTS</b><br>4777 Kent Avenue<br>Niagara Falls, Ontario L2H 1J5<br><b>PHONE:</b> (905) 358-8364 | <b>PRODUCT NAME:</b> Formula 550<br><b>PRODUCT USE:</b> Conc. Warewash Detergent<br><b>PRODUCT CODE:</b> PK85503<br><b>FAX:</b> (905) 358-9680 | <b>HMIS RATINGS:</b><br>Health 2<br>Flammability 0<br>Reactivity 0<br>PPE B |
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**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666      **Preparation Date:** December 1, 2014

## SECTION I - Regulatory Information

**WHMIS Classification:** E, D2B      **TDG Classification:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide) Class 8 UN3266 PGII

## SECTION II - Hazardous 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 |
| Tetrasodium EDTA     | 10-30         | 64-02-8      | 3200 Oral Rat       | Not Available |

## SECTION III - Physical Data

|                                                                                                                                                        |                                                                                                                                       |                                                                                                                                                                                                                           |
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| <b>Physical State:</b> Liquid<br><b>Viscosity (cps) @ 25°C:</b> Not Available<br><b>Freezing Point:</b> -10°C<br><b>Vapour Density:</b> Not Applicable | <b>Specific Gravity:</b> 1.250 ± 0.04<br><b>pH:</b> 13.5 ± 0.5<br><b>Odour Threshold:</b> Not Available<br><b>Evaporation Rate:</b> 1 | <b>Vapour Pressure (mm Hg @25°C):</b> Not Applicable<br><b>Odour/Appearance:</b> Mild Caustic /Clear Red Liquid<br><b>Coefficient of Water/Oil Distribution:</b> Not Applicable<br><b>Boiling Point (°C @ 1 atm):</b> 100 |
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## SECTION IV - Fire or Explosion Hazard

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                           |
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| <b>Upper Flammable Limit:</b> Not Applicable<br><b>Flash Point &amp; Test Method:</b> Not Applicable<br><b>Conditions of Flammability:</b> Not Flammable<br><b>Sensitivity to Mechanical Impact:</b> Not Available<br><b>Hazardous Combustion Products:</b> Oxides of Carbon | <b>Lower Flammable Limit:</b> Not Applicable<br><b>Auto-Ignition Temperature:</b> Not Available<br><b>Means of Extinction:</b> Treat for surrounding materials.<br><b>Sensitivity to Static Discharge:</b> Not Applicable |
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## SECTION V - Reactivity Data

|                                                                                                                                                                   |                                                                                                                                                                                                         |
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| <b>Conditions of Chemical Instability:</b> Stable<br><b>Hazardous Decomposition Products:</b> Not Available<br><b>Special Shipping Information:</b> Not Available | <b>Incompatible Substances:</b> Strong oxidizers, strong acids.<br><b>Conditions of Reactivity:</b> Not Applicable<br><b>Storage Requirements:</b> Store in closed containers, away from incompatibles. |
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## 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 - **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 exposure to skin can cause drying, defatting and dermatitis.

|                                                |                                      |                                             |
|------------------------------------------------|--------------------------------------|---------------------------------------------|
| <b>Carcenogenicity:</b> Non-Hazardous by WHMIS | <b>Teratogenicity:</b> Not Available | <b>Mutagenicity:</b> Not Available          |
| <b>Reproductive Effects:</b> Not Available     | <b>Sensitization:</b> Not Available  | <b>Synergistic Materials:</b> 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. Completely decontaminate clothing 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 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:** Safety Glasses  
**Gloves:** Impermeable  
**Respiration:** Not normally required is 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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