



# MATERIAL SAFETY DATA SHEET

## PREMIUM

### DISHWASH DETERGENT

#### SECTION I PRODUCT IDENTIFICATION AND USE

**Product Name:** PREMIUM  
**Product Use:** Dishwash Detergent  
**WHMIS Class:** D2B, E

#### SECTION II HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>	<u>Toxicity</u>
Caustic soda	1310-73-2	10 - 20	LD50 500 mg/kg oral
Caustic potash	1310-58-3	10 - 20	LD50 365 mg/kg oral
NTA	5064-31-3	12 - 18	not available

#### SECTION III PHYSICAL DATA

<b>Appearance:</b>	clear liquid	<b>Odour:</b>	none
<b>PH Concentrate:</b>	13.0 - 13.5	<b>% Volatile by volume:</b>	60%
<b>Boiling Point:</b>	100 deg. C	<b>Solubility in Water (%):</b>	complete
<b>Specific Gravity:</b>	1.400	<b>Evaporation Rate (Water = 1):</b>	N/A

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**Flammability:** Not flammable.  
**Flash Point (deg. C, TOC):** None.  
**Hazardous Combustion Products:** N/A.  
**Means of Extinction:** Water.  
**Special Fire Hazards:** Avoid contact with eyes and skin.

#### SECTION V TOXICOLOGICAL PROPERTIES

##### Effects of overexposure

**Swallowing:** May be very harmful.  
**Inhalation:** May cause nose or throat irritation.  
**Skin absorption:** May absorb through skin to cause delayed ill health effects.  
**Skin Contact:** Corrosive, may cause skin irritation or burns.  
**Eye Contact:** May cause severe eye irritation or injury. May cause irreversible damage.

#### SECTION VI FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Give raw egg whites or gelatin solution. If not available, drink large quantities of water. Get medical attention.  
**Inhalation:** Remove person to fresh air. If stops breathing give artificial respiration. Get medical attention.  
**Skin:** Flush with water for at least 15 minutes. Remove contaminated clothing. Get medical attention.  
**Eyes:** Flush with water for at least 15 minutes. Get medical attention.  
**General:** Keep out of reach of children. Avoid contamination of food.

#### SECTION VII REACTIVITY DATA

**Stable:**  X       **Unstable** \_\_\_\_\_      **Conditions to Avoid:** None  
**Incompatibility (Materials to avoid):** Yes, cationic materials and strong acids.  
**Hazardous Decomposition Products:** None.  
**Hazardous Polymerization:** **May Occur:** \_\_\_\_\_      **Will Not Occur:**  X

#### SECTION VIII PREVENTATIVE MEASURES

**Protective Gloves:** YES    **Eye Protection:** YES    **Ventilation: Local Exhaust:** \_\_\_\_\_    **General:**  X   
**Respiratory Protection (Specify type):** Use approved respirators when spraying.  
**Other Protective Equipment:** In case of spillage, use chemically resistant apron and boots.  
**Leak & Spill Procedure:** Contain spill by diking and collect into a container for disposal. Flush area with water.  
**Waste Disposal Method:** Dispose of according to federal, provincial or local regulations.  
**Handling Procedures/Equipment:** Wear proper protective clothing. Avoid excessive heat, open flames, or ignition source.  
**Other Precautions:** Eye fountain and emergency shower.  
**PIN:** UN1760    **TDG Class:** 8      **TDG Emergency Telephone #:** (613) 996-6666 (Collect)

#### SECTION IX PREPARATION DATA

**Prepared by:** Don Redmond    **Phone:** (613) 831-3698    **Date:** April 2003  
**Distributed By:** Sani-Sol, 149 Iber Road, Stittsville, ON K2S 1E7  
**Tel:** (613) 831-3698    **Fax:** (613) 831-3613