



# Solid 2000

## HEAVY DUTY DISH MACHINE DETERGENT

# FOOD SERVICE PRODUCTS

**DESCRIPTION:** Solid 2000 is a high caustic solid, heavy duty machine warewashing compound. Provides clean ware and sparkling glasses under heavy soil load conditions in soft to moderately hard water when used at normal warewashing concentrations. This product is the most powerful solid dishwashing detergent available anywhere, and gives easy dispensing previously associated only with liquids. Solid 2000 Plus will deliver sparkling ware with one pass through the dish machine, and can be used in any dish machine for washing all types of china, tableware and glassware. Contains a unique built-in system to aid in the reduction or elimination of iron deposits and lime scale build up.

**DIRECTIONS: Do not use on aluminum or other soft metal.**

- Recommended range of use concentration: Titrate with Institutional Alkalinity Test Kit. Use range is 0.06%-0.16%, or 6 to 16 drops of 0.25N Acid using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Test alkalinity of incoming water and adjust titrations accordingly. Extreme conditions of operation or water hardness may call for higher concentrations.
- Use only in a solid bowl type detergent dispenser. Do not use in conventional water filled dispensers. Remove detergent container lid, invert container of product and insert or use screw threads to attach dispenser.
- To remove used container, carefully lift or unscrew container from dispenser. Turn container upright to avoid spills. Use lid from new container to seal used container. If product contacts hands, wash immediately

<b>PACKAGING:</b>	<u>SIZE</u>	<u>CATALOG #</u>
	4/8 pound canisters	64102132

### PRODUCT SPECIFICATIONS

Appearance	Solid White
pH	13.3 @ 1% Solution
Solubility	Controlled and Complete
Foaming	None
Wetting	Excellent
Water Hardness Tolerance	6 grains per gallon at 0.2% 3 grains per gallon at 0.1%

ISO 9001:2000 Certified  
Certificate No. 2049



**EAGLE** Registrations Inc.  
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**PRIDE ENTERPRISES**  
P. O. Box 1425 Avon Park, FL 33826  
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**CONTROLLED**

Issue Date: 05/15/08  
Form PB64102132, Rev (F)

**MATERIAL SAFETY DATA SHEET**

Prepared By: T. Bass

(Prepared According to 29 CFR 1910.1200)

Effective Date: 03/17/08

**SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Product Name:</b> SOLID 2000 <b>Generic Name:</b> Low Suds/High Alkali Detergent <b>Product Group:</b> Food Service Product	<b>Supplier's Name:</b> SANITARY MAINTENANCE & SUPPLY P.O. BOX 1425 AVON PARK, FL 33826 <b>Phone #:</b> (813)-890-6594
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**SECTION 2- INGREDIENT INFORMATION**

CHEMICAL NAME	CAS #	WT %	OSHA PEL	ACGIH	STEL-TLV	%
Sodium Hydroxide	1310-73-2	N/A	2 mg/M <sup>3</sup>	2 mg/M <sup>3</sup>	N.A.	<60

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

**SECTION 3- PHYSICAL DATA**

<b>Boiling Point:</b> (° F)=0 <b>Vapor Pressure:</b> (mm Hg)= N/A. <b>Evaporation Rate:</b> =N/A. <b>Appearance:</b> Solid white	<b>Specific Gravity:</b> N/A. <b>pH:</b> 13.1 @ 1% Solution <b>% Volatile by Volume:</b> N/A <b>Odor:</b> characteristic
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**SECTION 4- FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N/A  
**Flammable Limits:** N/A  
**Unusual Fire and Explosion Hazards:** Not considered combustible.  
**Special Firefighting Procedures:** Product is not normally considered combustible and will not burn or sustain combustion. In extreme heat or fire, toxic gases and corrosive solutions may be generated.

**SECTION 5- REACTIVITY DATA**

<b>Stability:</b> Stable <b>Hazard Decomposition Products:</b> None known.	<b>Incompatibility:</b> Acids and strong oxidizing agents. <b>Hazardous Polymerization:</b> Will not occur.	<b>Conditions to Avoid:</b> Extreme Heat.
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**SECTION 6- STORAGE AND HANDLING INFORMATION**

Store in a cool, dry place. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with solutions of this product. Wash thoroughly after handling. **Other Precautions:** Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water. Avoid strong oxidizing agents.

**SECTION 7- HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure**  
**Skin:** Contact can cause severe burns.  
**Eyes:** Contact can cause severe burns.  
**Inhalation:** Solutions of this product are an extreme respiratory irritant.

**First Aid Procedures**  
**Skin:** Rinse excess from skin for at least 15 minutes and dry. If irritation develops, seek medical attention.  
**Eyes:** Immediately flush for 15 minutes with water; get medical attention immediately.  
**Inhalation:** Remove to fresh air; and get immediate medical attention if effects occur.  
**Ingestion:** Give several cups of water to dilute. Do NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person  
**Carcinogen:** Not considered carcinogenic by OSHA, NTP or IARC.

**SECTION 8- SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Particle removing face piece.  
**Ventilation Requirements:** Adequate general ventilation.  
**Protective Gloves:** Latex or rubber when handling solutions.  
**Eye Protection:** Safety glasses recommended.  
**Other Protective Equipment:** Safety eye bath/shower nearby. Use rubber boots and apron as required.

**SECTION 9-Spill OR LEAK PROCEDURES**

**Cleanup Procedure for Spills:** See section 8 for protective equipment. Avoid dermal contact. Stop flow of product. Vacuum or scrap up large spills with plenty of water. Wash away small spills with plenty of water.  
**Waste Disposal:** Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

**SECTION 10-REGULATORY INFORMATION**

SARA Title III – Section 311/312 – Hazard: (Y/N): N Fire: N Sudden Release of Pressure: N Reactivity: acids and strong oxidizers Acute (IMMEDIATE) Health Hazard: Corrosive to skin and eyes; prolonged inhalation may cause ulcers in upper respiratory tract. Chronic (DELAYED) Health Hazard: None known. Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.	<b>Shipping Information:</b> NAME: Corrosive Solid, NOS, Contains Sodium Hydroxide. HAZARD CLASS: 8 REFERENCE: N/A ID#: UN 1759 LABEL: Corrosive	<b>HMIS Hazardous Material Identification System</b>	
		<b>Health</b>	<b>2</b>
		<b>Flammability</b>	<b>0</b>
		<b>Reactivity</b>	<b>1</b>
For <b>emergency</b> and <b>medical</b> help line, call <b>INFOTRAC</b> at <b>1-800-535-5053</b> , 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at <a href="http://www.pride-enterprises.org/MSDS/menu.htm">www.pride-enterprises.org/MSDS/menu.htm</a> or call customer service at <b>(813)-890-6594</b> .		<b>Personal Protection</b>	<b>F</b>

**SECTION 11- OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.