

949008 MATERIAL SAFETY DATA SHEET: USA  
 MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026  
 Medical Calls from Outside of the USA: 1-651-222-5352  
 INSTITUTIONAL DIVISION Ecolab Inc.  
 Ecolab Center St. Paul MN 55102  
 Product Information: 1-800-352-5326 Issue Date: August 20, 2001

## 1.0 IDENTIFICATION /

**1.1 Product Name:** SOLID POWER

1.2 Product Type: Solid High Caustic Warewash Detergent

1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 1

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 Substances Subject to SARA 313 Reporting Are Indicated by "#"  
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## 2.0 HAZARDOUS COMPONENTS /

		(in mg/m3)		
	CAS No.	%	PEL	TWA
2.1 Sodium hydroxide (caustic soda)	1310-73-2	41	2	2C
2.2 Sodium carbonate (soda ash)	497-19-8	5-20	No	No
2.3 Sodium phosphate, tribasic	7758-29-4	27	No	No

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 STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air  
 TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed  
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## 3.0 PHYSICAL DATA /

3.1 Appearance: Blue solid; no odor  
 3.2 Solubility in Water: Appreciable  
 3.3 pH: 12.0 - 13.0 (at 0.2%)

## 4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None, does not support combustion.  
 4.2 Fire Fighting Methods: Use method appropriate for surrounding fire.  
 Keep water from entering containers, generates significant heat

## 5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of use and handling.  
 5.2 Conditions to Avoid: Reacts vigorously with acids. Reacts with soft metals i.e. aluminum or zinc, producing flammable hydrogen gas.

## 6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup and Disposal: Sweep up solid product. Rinse area with water.  
 Consult state/local authorities for limits on chemical waste disposal.

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**7.0 HEALTH HAZARD DATA /**

DANGER

7.1 Effects of Overexposure to Concentrate:

The solid form of this product makes exposure unlikely in normal use. The following applies to contact with product solutions or residues:

Eyes: CAUSES CHEMICAL BURNS. May cause blindness.

++ Immediate water flushing is vital in case of eye contact ++

Skin: CAUSES CHEMICAL BURNS. Harmful contact may not cause immediate pain.

If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth throat and stomach.

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**8.0 FIRST AID /**

8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding eyelids apart so as to rinse entire eye. SEEK MEDICAL ATTENTION IMMEDIATELY.

8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Discard or wash before reuse.

8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,  
A POISON CONTROL CENTER, OR A PHYSICIAN

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**9.0 PROTECTIVE MEASURES /**

9.1 FOR CONCENTRATE:

Due to the solid form of this product no protective equipment should be needed under normal use conditions. For exposure to concentrated solutions, the following measures are applicable:

Eyes: Wear chemical splash goggles.

Skin: Wear any impervious glove.

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**10.0 ADDITIONAL INFORMATION /**

10.1 Purpose of 8/20/2001 issue: Add line 1.2; QC and editorial update. Replaces December 11, 1998 issue.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data,

