



Ecolab Center
St. Paul, Minnesota 55102

10371

MATERIAL SAFETY DATA SHEET

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
Ecolab Ctr. St. Paul MN 55102 Date of Issue: June 29, 1992

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1.0 IDENTIFICATION /

- 1.1 Product Name: SOLID POWER
- 1.2 Product Type: High Alkaline Solid Automatic Dishmachine Detergent

++ Section 2 Provides SARA Section 313 Reporting Information ++

2.0 HAZARDOUS COMPONENTS /

	%	TWA	Other
		(mg/m3)	
2.1 Sodium hydroxide (caustic soda) 1310-73-2	50	2 C	2 C

This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.

UNK = Unknown at this time	TWA = OSHA 8 Hour Average
STEL = 15 Minute Average	C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

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

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
- 4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Reacts violently with acids. Reacts with soft metals such as aluminum and zinc.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Pick up without raising dust. Flush area with water.
- 6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste.



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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: CAUSES SEVERE CHEMICAL BURNS. Eye contact may cause blindness. Harmful skin contact may not cause immediate pain.

++ Immediate water flushing is vital in case of eye contact. ++
If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth, throat and stomach.

8.0 FIRST AID /

8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye.

CALL A PHYSICIAN IMMEDIATELY.

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

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

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 PROTECTIVE MEASURES /

Due to the solid form of this product no special protection is needed for normal use. The following protection is advisable if exposure to this product or to its use solutions is likely.

Skin: Rubber gloves - protective cuff or gauntlet type preferred.

Eyes: Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles.

9.1 USE SOLUTIONS: Avoid contact with use solutions. These may also be hazardous.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.