

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: February 4, 1993

1.0 IDENTIFICATION /

1.1 Product Name: SOLID SURGE
1.2 Product Type: High Alkaline Solid Laundry Detergent

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

2.0 HAZARDOUS COMPONENTS / (mg/m3)

	%	TWA	Other
2.1 Sodium hydroxide (caustic soda) 1310-73-2	40	2 C	2 C

2.2 This product contains no other components 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: Opaque blue solid with ammonia odor.
3.2 Solubility in water: Complete
3.3 pH: 0.2% = 12.0-12.5

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 /

Solid Surge

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 2 large glasses
of water or milk. DO NOT induce vomiting. NEVER give anything by
mouth to an unconscious person.

8.4 If Inhaled: Immediately move to fresh air.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 PROTECTIVE MEASURES /

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

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

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.