

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026  
Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326  
Ecolab Ctr. St. Paul MN 55102 Date of Issue: December 29, 1997

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#### 1.0 IDENTIFICATION /

1.1 Product Name: SOLID INSURE

1.2 Product Type: High Alkaline Chlorinated Solid Detergent

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

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#### 2.0 HAZARDOUS COMPONENTS /

		(mg/m <sup>3</sup> )	%	PEL	TWA
2.1 Sodium hypochlorite	7681-52-9		3	*	*
		* (PEL for chlorine = 3 C; ACGIH STEL = 3)			
2.2 Sodium metasilicate	6834-92-0		25	No	No

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

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STEL = 15 Minute Average PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average C = Ceiling Limit in Air; Do Not Exceed

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#### 3.0 PHYSICAL DATA /

3.1 Appearance: White solid; faint chlorine odor

3.2 Solubility in Water: Appreciable

3.3 pH: 11 (0.2%)

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#### 4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Does not support combustion.

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#### 5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.

5.2 Conditions to Avoid: Avoid contact with acids.

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

6.1 Cleanup: Flush any spills to drain with plenty of water

6.2 Waste Disposal: 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 cast/containerized solid form of the product makes any contact unlikely in normal use. The following applies to contact with the product itself or with concentrated solutions:

Skin and Eyes: Can cause severe irritation, possible chemical burns.

If Swallowed: Harmful. Can cause 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. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse 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 well before reuse or discard.
- 8.3 If Swallowed: Rinse mouth at once; then drink 1 or two 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 /

No special protection is needed for normal use of this cast solid product. The following protection is advisable if contact with this product or concentrated solutions is likely.

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

Skin: Use any industrial rubber glove.

- 9.1 USE SOLUTIONS: Avoid contact with use solutions. These may also be hazardous. Use protective equipment as necessary.

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#### 10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

- 10.1 To insure maximum shelf-life, store below 100 deg F.

- 10.2 Purpose of 12/29/97 issue: Editorial update; no data changes

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.