

975888 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 21, 2002

## 1.0 IDENTIFICATION /

### 1.1 Product Name: SOLITAIRE

1.2 Product Type: Solid Manual Warewash Detergent

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

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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 linear alkylbenzenesulfonate	25155-30-0	28	No	No
2.2 Anionic surfactant	68585-34-2	5-20	No	No
2.3 Nonionic surfactant	142-78-9	5-20	No	No
2.4 Cocoamidopropyldimethylamine oxide	68155-09-9	5-20	No	No
2.5 Ethanol (ethyl alcohol)	64-17-5	1-5	1900	1880

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 PEL = OSHA 8 hour average in air

TWA = ACGIH 8 hour average in air  
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## 3.0 PHYSICAL DATA /

3.1 Appearance: Pink solid; lemon fragrance

3.2 Solubility in Water: Appreciable

3.3 pH: 7.5 - 9.0 (at 1%)  
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## 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.  
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## 5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of use and handling.

5.2 Conditions to Avoid: Do not mix with other chemicals. Use standard hygiene practices to maintain product integrity.  
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## 6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Pick up without raising dust. Flush area with water.

6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.

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**7.0 HEALTH HAZARD DATA /**

WARNING

7.1 Effects of Overexposure to Concentrate:

The solid form of this product nearly eliminates exposure under normal use. The following applies to contact with solutions or residues of the product:

Eyes: Causes minor to moderate irritation.

Skin: Prolonged or repeated exposure may cause minor irritation.

If Swallowed: May cause stomach distress, nausea or vomiting.

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**8.0 FIRST AID /**

8.1 Eyes: Flush with cool running water. Remove contact lenses and continue flushing for 15 minutes.

8.2 Skin: Flush skin with water; wash with soap and water. Remove and wash contaminated clothing before reuse.

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

IF IRRITATION OR DISCOMFORT PERSIST, CALL 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 8/21/2002 issue: First 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, 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.

