

961722 MATERIAL SAFETY DATA SHEET  
 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: December 31, 1999

## 1.0 IDENTIFICATION /

**1.1 Product Name:** BAR DANDY

1.2 Product Type: Liquid Glassware Detergent Concentrate

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

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 Substances Subject to SARA 313 Reporting Are Indicated by "#"

## 2.0 HAZARDOUS COMPONENTS /

(in mg/m3)

	CAS No.	%	PEL	TWA
2.1 Nonionic surfactant	confidential	5-20	No	No
2.2 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.				

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 PEL = OSHA 8 hour average in air

TWA = ACGIH 8 hour average in air

## 3.0 PHYSICAL DATA /

3.1 Appearance: Clear blue liquid; no specific odor

3.2 Solubility in Water: Mixes with water in all proportions

3.3 pH: 7.0 - 8.0 (100%)

3.4 Initial Boiling Point: 212 deg F

3.5 Specific Gravity: 1.021 @ 68 deg F

## 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 use and handling.

5.2 Conditions to Avoid: No special requirements beyond standard industrial practices. Do not mix with other chemicals.

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

6.1 Cleanup: Rinse small amounts to sanitary sewer where possible, or mop up and rinse area thoroughly with water.

6.2 Waste Disposal: Small amounts may be sewerred. Consult state/local authorities for limits on chemical waste disposal.

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**7.0 HEALTH HAZARD DATA /**

CAUTION

7.1 Effects of Overexposure to Concentrate:

Eyes: Causes minor irritation, redness.

Skin: Repeated or prolonged 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 flush again 10-15 minutes.

8.2 Skin: Flush skin with water.

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 PERSISTS, CALL A PHYSICIAN.

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**9.0 PROTECTIVE MEASURES /**

9.1 FOR CONCENTRATE:

No protective equipment is necessary under normal use conditions.

Eyes: If splashing may occur, eye protection recommended.

Skin: Rubber gloves recommended for prolonged or repeated exposure.

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**10.0 ADDITIONAL INFORMATION /**

10.1 Purpose of 12/31/1999 issue: Add line 1.3; QC and editorial update. Replaces February 12, 1996 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. 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.

