

924680-04

MATERIAL SAFETY DATA SHEET

MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026

Medical Calls from Outside of the USA: 1-612-292-4064

INSTITUTIONAL DIVISION Ecolab Inc.

Ecolab Center St. Paul MN 55102

Product Information: 1-800-352-5326

Issue Date: February 5, 1999

1.0 IDENTIFICATION /**1.1 Product Name:** DIGISAN E FOAM HAND SANITIZER

1.2 Product Type: Liquid Hand Sanitizer

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

Substances Subject to SARA 313 Reporting Are Indicated by "#"
-----**2.0 HAZARDOUS COMPONENTS /**

(mg/m3)

	CAS No.	%	PEL	TWA
2.1 Isopropyl alcohol (2-propanol, IPA)	67-63-0	7	980	985*

*(ACGIH STEL = 1230)

2.2 Also contains <1% quaternary ammonium compound (CAS 121-54-0).

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in airTWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed
-----**3.0 PHYSICAL DATA /**

3.1 Appearance: Clear, light red liquid; bland odor.

3.2 Solubility in Water: Mixes with water in all proportions.

3.3 pH: 8.3 (100%)

3.4 Initial Boiling Point: >212 deg F

3.5 Specific Gravity: 0.988
-----**4.0 FIRE AND EXPLOSION DATA /**

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Does not support combustion.

4.3 Flash Point: 107 deg F.
-----**5.0 REACTIVITY DATA /**

5.1 Stability: Stable under normal conditions of handling.

5.2 Conditions to Avoid: None
-----**6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT**

6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.

6.2 Waste Disposal: 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: May cause irritation.

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

8.0 FIRST AID /

8.1 Eyes: Flush immediately with plenty of cool running water. Remove contact lenses, if used, and flush again.

8.2 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.

9.0 PROTECTIVE MEASURES /

9.1 No requirements beyond standard industrial hygiene practices.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

Purpose of 02/05/99 issue: Add line 1.3, revise section 4 per testing

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.