ECOLAB
Ecolab Inc.
Ecolab Center
St. Paul, Minnesota 55102

61121521 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

PROFESSIONAL PRODUCTS ECOLAB INC.
370 WABASHA STREET NORTH
ST. PAUL MN 55102

Product Information: 1-800-242-5362 Issue Date: December 29, 1999

## 1.0 IDENTIFICATION /

1.1 Product Name: ASEPTICARE TB+II
1.2 Product Type: Liquid Alcohol/Quaternary Disinfectant
1.3 Hazard Rating: Health: 1 Fire: 3 Reactivity: 0

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

## 2.0 HAZARDOUS COMPONENTS /

| | | CAS No. | % | (in mg/m3) PEL | TWA |
|---|---|---|---|---|---|
| 2.1 | Isopropyl alcohol (2-propanol, IPA) | 67-63-0 | 21 | 980 | 985* |
| | | | *ACGIH STEL = | | 1230 |
| 2.2 | Quaternary ammonium chloride compounds | mixture | <1 | No | No |
| 2.3 | # 2-Butoxyethanol (ethylene glycol monobutyl ether) (absorbed through skin) | 111-76-2 | | 240 | 121 |

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air
TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

## 3.0 PHYSICAL DATA /

3.1 Appearance: Clear liquid; alcohol odor
3.2 Solubility in Water: Mixes with water in all proportions
3.3 pH: 6.5 - 7.5 (100%)
3.4 Initial Boiling Point: 189 deg F (87 deg C)
3.5 Specific Gravity: 0.980 @ 68 deg F

## 4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: Flammable liquid. Vapors heavier than air may travel along floor to ignition source and flash back.
4.2 Fire Fighting Methods: Alcohol foam, carbon dioxide, dry chemical. Cool fire-exposed containers with water.
4.3 Flash Point: 86 deg F (30 deg C)

## 5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of use and handling.
5.2 Conditions to Avoid: High heat, ignition sources, strong oxidizing agents. Ready to use; do not mix with other products.

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

6.1 Cleanup: Eliminate ignition sources. Rinse small amounts to sanitary sewer if possible, or mop up and rinse area with water.
6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal. Unused product is RCRA ignitable (D001).

7.0 HEALTH HAZARD DATA / CAUTION

7.1 Effects of Overexposure to Concentrate:
Eyes: Causes moderate to severe irritation, redness.
Skin: Prolonged exposure may cause dryness, irritation.
If Swallowed: May cause loss of coordination, nausea, vomiting, or diarrhea.
If Inhaled: High concentrations may cause dizziness, nausea, drowsiness, loss of consciousness.

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.
8.4 If Inhaled: Immediately move to fresh air.

IF IRRITATION OR DISCOMFORT PERSIST, CALL A PHYSICIAN

9.0 PROTECTIVE MEASURES /

9.1 FOR PRODUCT AS PACKAGED:
Eyes: Wear chemical splash goggles.
Skin: For continued or prolonged exposure, rubber gloves recommended.
Respiratory: Avoid breathing mists or vapors of this product. Ventilate to maintain air levels below exposure limits.

10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 12/29/1999 issue: QC and editorial update. Replaces December 11, 1998 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.