

990093

MATERIAL SAFETY DATA SHEET

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

ECOLAB PROFESSIONAL PRODUCTS
 DIVISION OF ECOLAB INC.
 Ecolab Center, ST. PAUL, MN 55102

For Product Information,
 Call: 1-800-247-5362
 Date of Issue: July 29, 1997

1.0 IDENTIFICATION /**1.1 Product Name:** QUIK FILL 510

1.2 Product Type: All purpose cleaner concentrate

1.3 Hazard Rating: Health 2 Fire 0 Reactivity 0

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++ SARA 313 Toxic Chemicals, If present, Are Preceded By "#" ++

2.0 HAZARDOUS COMPONENTS /

(mg/m3)

	%	PEL	TWA
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2.1 Nonylphenol ethoxylate 9016-45-9	10	No	No
2.2 # 2-Butoxyethanol (Skin) 111-76-2	13	240	121

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

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average in Air

3.0 PHYSICAL DATA /

3.1 Appearance: Clear violet liquid; glycol ether odor.

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

3.3 pH: 9 - 12 (100%)

3.4 Initial Boiling Point: 212 deg F

3.5 Specific Gravity: 1.011-1.013

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 handling.
5.2 Conditions to Avoid: Do not mix with anything but water.

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.

7.0 HEALTH HAZARD DATA /

WARNING

- 7.1 Effects of Overexposure to Concentrate:
SKIN: Contact with concentrate causes irritation. See Line 7.2

EYES: Causes eye irritation.

IF SWALLOWED: Harmful; see Line 7.2

IF INHALED: Irritating to airways and lungs, depending upon amount

and duration of exposure. People with asthma or other lung problems may be more susceptible.
7.2 Note: In rats and mice heavy doses of 2-butoxyethanol damage red blood cells, which in turn can injure the liver, kidney and spleen. Such effects have not been observed in humans.

8.0 FIRST AID /

- 8.1 Eyes: Flush immediately with cool running water. Remove contact

lenses. Continue flushing for 15 minutes.
8.2 Skin: Flush skin with plenty of cool running water. Wash

thoroughly with soap and water. 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 PERSISTS, CALL A PHYSICIAN.

9.0 PROTECTIVE MEASURES /

9.1 Respiratory: Ventilate to maintain exposure below limits.

9.2 When handling the concentrated product, wear rubber gloves and eye
protection such as splashproof glasses.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT: Not DOT regulated.

10.2 Purpose of 07/29/97 issue: Editorial review

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.