

990101 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: 1-800-247-5362 Issue Date: March 31, 2000

## 1.0 IDENTIFICATION /

1.1 Product Name: QUIK FILL 520

1.2 Product Type: Liquid Glass Cleaner Concentrate

1.3 Hazard Rating: Health: 2 Fire: 3 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 Isopropyl alcohol (2-propanol, IPA)	67-63-0	5-20	980	985*
		*ACGIH STEL =	1230	
2.2 # 2-Butoxyethanol (ethylene glycol monobutyl ether) (absorbed through skin)	111-76-2	12	240	121
2.3 Oxygenated solvent	1569-01-3	5-20	No	No

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 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  
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## 3.0 PHYSICAL DATA /

3.1 Appearance: Clear blue liquid; solvent odor  
 3.2 Solubility in Water: Mixes with water in all proportions  
 3.3 pH: 8.2 (100%)  
 3.4 Initial Boiling Point: < 212 deg F / 100 deg C  
 3.5 Specific Gravity: 0.976 @ 68 deg F / 20 deg C

## 4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: Flammable liquid. Flammable vapors may travel along ground to ignition source.  
 4.2 Fire Fighting Methods: Use water fog, foam, fine water spray, dry chemical or CO2.  
 4.3 Flash Point: 83 deg F (Closed Cup)

## 5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of use and handling.  
 5.2 Conditions to Avoid: High heat, ignition sources. Mix only with

water. Store in a cool place away from heat, sparks or open flame.

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

- 6.1 Cleanup: Remove ignition sources. Recover free liquid and add inert absorbent to spill area. Use non-sparking tools.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal. Unused product is RCRA ignitable (D001).

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**7.0 HEALTH HAZARD DATA / WARNING**

- 7.1 Effects of Overexposure to Concentrate:
  - Eyes: Causes irritation, possibly severe.
  - Skin: Causes minor to moderate irritation.
  - If Swallowed: May cause loss of coordination, nausea, vomiting, or diarrhea.
  - If Inhaled: High concentrations may cause dizziness, nausea, drowsiness, loss of consciousness.
- 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. These effects have not been observed in humans.

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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.
- 8.4 If Inhaled: Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.

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**9.0 PROTECTIVE MEASURES /**

- 9.1 FOR CONCENTRATE:
  - Eyes: Wear chemical splash goggles.
  - Skin: Wear any industrial rubber glove.
  - Respiratory: Ventilate to maintain air levels below exposure limits.

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**10.0 ADDITIONAL INFORMATION /**

- 10.1 Purpose of 3/31/2000 issue: Formula change; associated edits.

Replaces August 6, 1997 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.