



Ecolab Center
St. Paul, Minnesota 55102

62380101 MATERIAL SAFETY DATA SHEET Page 1 of 2
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: September 17, 1999

1.0 IDENTIFICATION /

- 1.1 Product Name: QUIK FILL 530
- 1.2 Product Type: Heavy Duty Non-Butyl/Degreaser
- 1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 0

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

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(mg/m3)	
			PEL	TWA
2.1 Sodium hydroxide (caustic soda)	1310-73-2	2	2	2C
2.2 Sodium metasilicate	6834-92-0	1-5	No	No
2.3 Ethanolamine (MEA)	141-43-5	5-20	6	7.5*
*ACGIH STEL = 15				
2.4 Chelating agents	confidential	1-5	No	No
2.5 Nonionic surfactants	confidential	1-5	No	No
2.5 Anionic surfactants	confidential	1-5	No	No

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 to slightly hazy yellow-green liquid; lemon scent
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 13.0 - 13.5 (100%); 12.3 - 12.8 (10%)
- 3.4 Initial Boiling Point: 212 deg F
- 3.5 Specific Gravity: 1.070 @ 68 deg F

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
- 4.2 Fire Fighting Methods: 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. Keep from freezing.

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. Unused product is RCRA Corrosive (D002).



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7.0 HEALTH HAZARD DATA / DANGER

- 7.1 Effects of Overexposure to Concentrate:
Eyes: CAUSES CHEMICAL BURNS. May cause blindness.
++ Immediate water flushing is vital in case of eye contact ++
Skin: CAUSES CHEMICAL BURNS. Harmful contact may not cause immediate pain.
If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth throat and stomach.
If Inhaled: Causes irritation to bronchitis or pneumonia, depending on exposure. People with lung problems may be more affected.

8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.
8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Discard or wash before reuse.
8.3 If Swallowed: Rinse mouth at once; 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.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER, OR A PHYSICIAN

9.0 PROTECTIVE MEASURES /

- 9.1 FOR CONCENTRATE:
Eyes: Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
Skin: Wear any industrial rubber gloves, other protective equipment as necessary to prevent skin contact.
Respiratory: Ventilate to maintain air levels below exposure limits. Avoid breathing mists or vapors of this product.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 9/17/1999 issue: Periodic review; revise section 2, QC and editorial update. Replaces January 7, 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.