



Ecolab Center
St. Paul, Minnesota 55102

61151544

MATERIAL SAFETY DATA SHEET
MEDICAL EMERGENCIES ONLY (24 Hour Service):
Medical Calls from Outside of the USA:

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1-800-328-0026
1-651-222-5352

PROFESSIONAL PRODUCTS ECOLAB INC.

370 WABASHA STREET NORTH
ST. PAUL MN 55102

Product Information: 1-800-247-5362

Issue Date: November 1, 1999

1.0 IDENTIFICATION /

- 1.1 Product Name: QC 53 MULTI-PURPOSE CLEANER
- 1.2 Product Type: Liquid Cleaner/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 Ethanolamine (MEA)	141-43-5	5-20	6	7.5*
2.2 Sodium silicate	1344-09-8	5-20	No	No
2.3 Nonionic surfactants	mixture	5-20	No	No

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

3.0 PHYSICAL DATA /

- 3.1 Appearance: Hazy fluorescent green liquid; mild citrus fragrance
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 11.7 - 12.5 (100%)
- 3.4 Initial Boiling Point: 212 deg F
- 3.5 Specific Gravity: 1.043 @ 75 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 use and handling.
- 5.2 Conditions to Avoid: Do not mix with other chemicals.

6.0 SPILL OR LEAK PROCEDURES / WEAR 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; rinse area.
- 6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.



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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Eyes: Causes severe irritation or chemical burns.
Skin: Causes severe irritation, chemical burns if untreated.
If Swallowed: May cause irritation, nausea, stomach distress.

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.

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.
Skin: Wear any industrial rubber glove, other protective equipment as needed to prevent skin contact.
Respiratory: Ventilate to maintain air levels below exposure limits.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 11/1/1999 issue: QC and editorial update. Replaces May 19, 1999 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.