



Ecolab Center
St. Paul, Minnesota 55102

61166861 MATERIAL SAFETY DATA SHEET: USA 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: October 30, 2003

1.0 IDENTIFICATION /

- 1.1 Product Name: QC 53 MULTI-PURPOSE DEGREASER (LOW VISCOSITY NPE-FREE)
- 1.2 Product Type: Liquid Alkaline Degreaser
- 1.3 Hazard Rating: Health: 2 Fire: 0 Reactivity: 0

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

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(in mg/m3)	
			PEL	TWA
2.1 Ethanolamine (MEA)	141-43-5	5-20	6	7.5*
		*ACGIH	STEL = 15	
2.2 Nonionic surfactants	mixture	5-20	No	No
2.2 Anionic surfactant	1300-72-7	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: Green liquid; mild citrus fragrance
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 11.5-12.5(at 100%)
- 3.4 Initial Boiling Point: > 212 deg F / 100 deg C
- 3.5 Specific Gravity: 1.031 @ 68 deg F / 20 deg C

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None, does not support combustion.
- 4.2 Fire Fighting Methods: Use method appropriate for surrounding fire.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
- 5.2 Conditions to Avoid: Reacts with acids and soft metals i.e. aluminum or zinc, producing flammable hydrogen gas. Mix only with water.

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 or small spills to sanitary sewer.
- 6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal. Unused product is RCRA corrosive (D002).

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WARNING

7.0 HEALTH HAZARD DATA /

- 7.1 Effects of Overexposure to Concentrate:
Eyes: Causes severe irritation. Untreated contact may cause chemical burns.
Skin: Causes moderate to severe irritation. Untreated contact may cause severe irritation or chemical burns.
If Swallowed: May cause chemical burns of mouth, throat and stomach.
If Inhaled: Mists may cause irritation to mouth, throat, or lungs.

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. SEEK MEDICAL ATTENTION 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 impervious gloves, other protective equipment as necessary to prevent skin contact.
Respiratory: Avoid breathing mists or vapors of this product.
Note: Provide access to emergency eye wash and shower.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 10/30/2003 issue: First 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 in the country of origin. 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.