



Ecolab Center
St. Paul, Minnesota 55102

675 #142239

Ecolab Inc.

15651

MATERIAL SAFETY DATA SHEET

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

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
Ecolab Ctr. St. Paul MN 55102 Date of Issue: February 12, 1996

1.0 IDENTIFICATION /

- 1.1 Product Name: ENCOMPASS
- 1.2 Product Type: Concentrated Liquid Multi-Purpose Cleaner

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

		%	PEL	Other	(mg/m3)
2.1 Monoethanolamine Soap	2272-11-9	10	None	UNK	
2.2 Ethanolamine (MEA)	141-43-5	<5	6	*	
2.3 Nonylphenol ethoxylate	9016-45-9		5	None	UNK
2.4 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.					

*ACGIH STEL = 15

UNK = Unknown at this time
STEL = 15 Minute Average

PEL = OSHA 8 Hour Average
C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Pale yellow; light fragrance
- 3.2 Solubility in Water: Complete
- 3.3 pH: 10.0-10.5 (100%); 9.0-10.0 (1%)
- 3.4 Initial Boiling Point: >212 deg F
- 3.5 Specific Gravity: 1.02 - 1.04

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. Recover, pump to containers or soak up on inert absorbent. Flush residue to sewer with plenty of water.
- 6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste.



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7.0 HEALTH HAZARD DATA /

CAUTION

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: May cause irritation.

If Swallowed: May cause stomach distress, nausea or vomiting.

8.0 FIRST AID /

8.1 Eyes: Flush immediately with plenty of cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.

8.2 Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

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 Eyes: Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles.

Skin: Rubber gloves - protective cuff or gauntlet type preferred.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

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.