



#31187

Ecolab Inc.

Ecolab Center
St. Paul, Minnesota 55102

61029273

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)

ECOLAB PROFESSIONAL PRODUCTS
DIVISION OF ECOLAB INC.
Ecolab Center, ST. PAUL, MN 55102

For Product Information,
Call: 1-800-247-5362
Date of Issue: December 3, 1996

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1.0 IDENTIFICATION /

- 1.1 Product Name: HAWK
- 1.2 Product Type: Detergent/solvent
- 1.3 Hazard Rating: Health - 2 Fire - 1 Reactivity - 0

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

2.0 HAZARDOUS COMPONENTS /

		%	PEL	TWA
			(mg/m3)	
2.1 # Butoxyethanol (Skin)	111-76-2	15-35	240	I2I
2.2 Nonylphenol ethoxylate	9016-45-9	1-10	None	None
2.3 Ethanolamine (MEA)	141-43-5	15-35	6	*

*ACGIH STEL = 15

STEL = 15 Minute Average PEL = OSHA 8 Hour Average in Air
TWA = ACGIH 8 Hour Average C = Ceiling Limit in Air; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Colorless liquid
- 3.2 Solubility in Water: Mixes with water in all proportions.
- 3.3 pH: 11.9 - 12.9 (100%)
- 3.4 Initial Boiling Point: Not determined
- 3.5 Specific Gravity: 1.0

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
- 4.2 Fire Fighting Methods: Use fog, foam, fine water spray, dry chemical or CO2.
- 4.3 Flash Point: Over 212 deg F

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Keep away from heat, sparks or open flame.

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.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

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7.0 HEALTH HAZARD DATA /

CAUTION

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: Can cause severe irritation, possible chemical burns.

If Swallowed: Harmful. Can cause chemical burns of mouth, throat and stomach.

If Inhaled: Can cause irritation of mouth, throat and airways, especially for sensitive individuals.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses, hold eyelids apart so as to rinse entire eye and continue flushing for 15 minutes.

8.2 Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water. Remove contaminated clothing and shoes; wash well 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: If affected, move to fresh air.

IN CASE OF EYE CONTACT, OR
IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN

9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:

Eyes: Eye protection is recommended.

Skin: Use any industrial rubber glove.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 12/03/96 edition: First issue in Ecolab format

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.