

INSTITUTIONAL DIVISION Ecolab Inc.

Ecolab Center St. Paul MN 55102

Product Information: 1-800-352-5326

Issue Date: October 15, 2002

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1.0 IDENTIFICATION /

1.1 Product Name: LEMON LIFT

1.2 Product Type: Liquid Chlorinated Alkaline Cleaner

1.3 Hazard Rating: Health: 2 Fire: 0 Reactivity: 1

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

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2.0 HAZARDOUS COMPONENTS /

2.1 Sodium hypochlorite

CAS No.	%	PEL	TWA
7681-52-9	2	*	*

\*PEL for chlorine = 3 C; ACGIH TWA = 1.5; ACGIH STEL = 3

2.2 Anionic surfactant

5324-84-5	1-5	No	No
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2.3 Also contains <1% Sodium hydroxide.

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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

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3.0 PHYSICAL DATA /

3.1 Appearance: Clear pale amber liquid; citrus fragrance

3.2 Solubility in Water: Mixes with water in all proportions

3.3 pH: 12.6 - 13.0 (at 100%)

3.4 Initial Boiling Point: 212 deg F / 100 deg C

3.5 Specific Gravity: 1.047 @ 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: Mix only with water. Mixing with acids or ammonia causes hazardous vapors.

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).

