

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: June 2, 1998

*Item #
131407*

1.0 IDENTIFICATION /

- 1.1 Product Name: ECO-SAN
- 1.2 Product Type: Liquid sodium hypochlorite sanitizer

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

2.0 HAZARDOUS COMPONENTS /

	%	PEL	TWA
		*	*
2.1 Sodium hypochlorite 7681-52-9	8.4		
* (PEL for chlorine = 3 C; ACGIH STEL = 3)			
2.2 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.			

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: Clear light yellow liquid with chlorine odor
- 3.2 Solubility in Water: Mixes with water in all proportions.
- 3.3 pH: 10.5 (1%)
- 3.4 Initial Boiling Point: >212 deg F
- 3.5 Specific Gravity: 1.16-1.17

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: See Line 5.1
- 4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: High temperatures may generate hazardous decomposition products including chlorine gas.
- 5.2 Conditions to Avoid: Mix only with water. Do not mix with acids or ammonia - will cause hazardous vapors.

6.0 SPILL OR LEAK PROCEDURES / USE 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.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: CAUSES CHEMICAL BURNS. Eye contact may cause blindness.

If Swallowed: HARMFUL. Causes chemical burns of mouth, throat and stomach.

If Inhaled: Vapors or mist cause irritation, including a burning taste, sneezing, coughing and difficulty breathing. People with asthma or other lung problems may be more affected.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN 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 well 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 CONCENTRATE:

Respiratory: Avoid breathing dusts or mists of this product.

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

Skin: Use industrial rubber glove, other protection as necessary to avoid skin contact.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 06/02/98 issue: Revise disposal statement.

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.