

930479

MATERIAL SAFETY DATA SHEET

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

ECOLAB PROFESSIONAL PRODUCTS For Product Information,
 DIVISION OF ECOLAB INC. Call: 1-800-247-5362
 Ecolab Center, ST. PAUL, MN 55102 Date of Issue: June 26, 1997

1.0 IDENTIFICATION /

1.1 Product Name: X-14 MILDEW STAIN REMOVER

1.2 Product Type: Liquid Sodium Hypochlorite

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

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

2.0 HAZARDOUS COMPONENTS /

(mg/m3)

	%	PEL	TWA
2.1 Sodium hypochlorite 7681-52-9	4.0-4.8	*	*
* (PEL for chlorine = 3 C; ACGIH STEL = 3)			

2.2 Also contains sodium carbonate.

STEL = 15 Minute Average in Air PEL = OSHA 8 Hour Average in Air

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: 11.5 - 12.0

3.4 Initial Boiling Point: > 212 deg F

3.5 Specific Gravity: 1.05-1.11

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: 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: Unused product is RCRA Corrosive (D002).

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 mists or vapors of this product.

Eyes: Use chemical splash goggles. For continued or severe

exposure wear a face shield over the goggles.

Skin: Use industrial rubber gloves, other protection as necessary

to avoid skin contact.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 06/26/97 issue: New product

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.