

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

Water Care Division of Ecolab Inc.

370 Wabasha Street

St. Paul MN 55102

Product Info: 1-800-75-WATER Date of Issue: November 10, 1997

1.0 IDENTIFICATION /

1.1 Product Name: BOILER CARE 1606

1.2 Product Type: Liquid Boiler Water Treatment

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

2.0 HAZARDOUS COMPONENTS /

(mg/m3)

		%	PEL	TWA
2.1 Potassium hydroxide (caustic potash) 1310-58-3	5-10	No	2	C
2.2 Sodium sulfite 7757-82-6	1-5	None	None	

STEL = 15 Minute Average in Air

PEL = OSHA 8 Hour Average in Air

3.0 PHYSICAL DATA /

3.1 Appearance: Dark brown liquid with faint odor

3.2 Solubility in Water: Mixes with water in all proportions.

3.3 pH: > 13 (100%)

3.4 Initial Boiling Point: Over 212 deg F

3.5 Specific Gravity: 1.11

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.

5.2 Conditions to Avoid: Reacts vigorously with acids. Reacts with soft metals such as aluminum and zinc. Do not feed in too fast; mix well. Rapid mixing with water may cause boiling and spattering of corrosive solution.

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. Product spills are slippery.

6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal. Unused product is RCRA Corrosive (D002). Do not sewer unused product or include with ordinary solid waste.

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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: CAUSES SEVERE CHEMICAL BURNS. Eye contact may cause blindness. Harmful contact may not cause immediate pain.

++ Immediate water flushing is vital in case of eye contact. ++

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

If Inhaled: Damages airways and lungs, depending upon amount and duration of exposure. Effects vary from irritation to bronchitis or pneumonia. People with 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. Wear coveralls or long sleeves and long pants. Wear rubber boots where product/solutions are on floor.

Note: Access to emergency systems to wash skin and eyes is recommended.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Keep container closed when not in use.

10.2 Purpose of 11/10/97 issue: Reformat Sec. 1.1, correct Sec 3.5

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.