

**GENERAL INFORMATION:**

UNITED 310 BOILER TREATMENT is designed to protect steam boilers from corrosion and scale formation. Regular use of UNITED 310 will increase the efficiency of your heating equipment by preventing the build-up of hard water scale (which eventually leads to burn-out of fire tubes), and also provides protection against general corrosion of the heating system.

**UNITED 310 contains:**

- Phosphate, to precipitate hardness and soften boiler water so scale does not build up.
- Polymer flocculants, to condition sludge for ease of removal by the bottom blowdown.
- Sequestrants, for increased scale control.

**DIRECTIONS FOR USE:**

UNITED 310 is best injected into the feedwater line between the final check valve and the boiler. A metering pump controlled by the feedwater pump control circuit is best. UNITED's A515, A516, and A517 offer suitable pumps with a range of feed rates. UNITED 310 may also be added by pot feeder or into the feedwater (condensate return) tank.

**INITIAL DOSAGE:** Add one gallon of UNITED 310 for every 1,000 gallons (1 litre for every 1,000 litres) of estimated boiler capacity.

**MAINTENANCE DOSAGE:** Feed enough UNITED 310 to maintain the boiler water phosphate level in the range 30 - 50 ppm.

**BLOWDOWN:** Every steam boiler should be blown down at least once per day. Adjust the blowdown schedule to maintain the total alkalinity of the boiler water in the range 500 - 700 ppm.

## BOILER TREATMENT

For Steam Boilers

UNITED 310

KEEP OUT OF REACH OF CHILDREN.

CAUTION

HARMFUL IF SWALLOWED.

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.

*PRECAUCION AL USARIO: Si usted no puede leer Ingles, pregunte a alguien que le traduzca esta etiqueta para usted antes de uso.*

UNITED LABORATORIES, INC.  
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**CAUTION:**

Contains Sodium Hydroxide (CAS #1310-73-2). Can cause burns and irritation of skin, eyes, mouth, throat, esophagus and stomach. Do not allow this product to come in contact with skin, eyes, or clothing. Do not take internally.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Apply mild boric acid solution if available and call a physician or poison control center immediately.

**SKIN:** Wash with soap and water; apply mild boric acid solution if available. Call a physician or poison control center.

**INHALATION:** Remove to fresh air. Apply CPR if needed. Call a physician or poison control center immediately.

**IF SWALLOWED:** Do NOT induce vomiting. If conscious, give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

An MSDS for this product has been provided. Please read it carefully and follow all instructions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

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