

# UNITED

L A B O R A T O R I E S

## GENERAL INFORMATION:

**United 410 BOILER TREATMENT** is designed to protect steam boilers from corrosion and scale formation. Regular use of **United 410** increases 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 410** contains:

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

## DIRECTIONS FOR USE:

**United 410** is best injected into the feedwater line between the final check valve and the boiler. Using a metering pump controlled by the feedwater pump control circuit is best. United's A603 offers a range of feed rates. **United 410** may also be added by pot feeder or into the feedwater (condensate return) tank.

**INITIAL DOSAGE:** Add one gallon of **United 410** for every 1,000 gallons (1 litre for every 1,000 litres) of estimated boiler capacity.

**MAINTENANCE DOSAGE:** Feed enough **United 410** 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.

## United 410

# BOILER TREATMENT

## For Steam Boilers Requiring Alkalinity Booster

**KEEP OUT OF REACH OF CHILDREN.**



**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.*

**Manufactured and Sold Exclusively By:**  
**UNITED LABORATORIES, INC.**  
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1-800-323-2594 • [www.unitedlabsinc.com](http://www.unitedlabsinc.com)

## DANGER:

Contains Potassium Hydroxide (CAS #1310-58-3). 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:** Immediately flush with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Get medical attention immediately.

**SKIN:** Immediately flood with large amounts of water for 15 minutes. If irritation persists, call a physician.

**INHALATION:** Get to fresh air and apply CPR if needed. Call a physician.

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Give water or milk immediately. Get medical attention immediately.

An MSDS for this product is available through United's website, [www.unitedlabsinc.com](http://www.unitedlabsinc.com), providing 24 hour access. Please read the MSDS carefully and follow all directions when using or handling this product. Never reuse empty containers. Incompatible materials may adversely react.

<b>HMIS® III CODE:</b> 0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE <b>PERSONAL PROTECTION INDEX:</b> Gloves and Goggles	HEALTH	2
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	n&p