

# UNITED

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

**United 311 STEAMMATE** is designed to pass out of the boiler with the steam to protect all components of the steam and return system — lines, traps, tanks and pumps — against rust, corrosion and pitting.

- Safely neutralizes acidic condensate.
- Keeps radiators, convectors and unit heaters at full heating capacity.
- Prevents leaks leading to expensive repairs to lines concealed inside walls.
- Prevents corrosion of traps, return lines and pumps.
- Saves on replacement of piping, traps, tanks and pumps.
- Low-cost insurance against costly replacements due to hidden corrosion.

#### DIRECTIONS FOR USE:

**United 311** is best injected into the feed-water line between the final check valve and the boiler. A metering pump controlled by the feedwater pump control circuit is best. UNITED's A603 pump is recommended, offering a range of delivery rates. **United 311** may also be added by pot feeder or into the feedwater (condensate return) tank.

**INITIAL DOSAGE:** Add one quart of **UNITED 311** for every 1,000 gallons (1 litre for every 4,000 litres) of estimated boiler capacity.

**MAINTENANCE DOSAGE:** Feed enough **United 311** to maintain the condensate water pH in the range 7.5 - 8.5.

## United 311

# STEAMMATE

## Steam and Return Line Treatment

**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.*

**Manufactured and Sold Exclusively By:**  
**UNITED LABORATORIES, INC.**  
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#### CAUTION:

Contains Morpholine (CAS #110-91-8). Excessive breathing of vapors may cause coughing, irritation of throat and mucus membranes. Chronic overexposure can cause pneumonia. Do not take internally. Avoid contact with eyes, skin or clothing. Can cause severe burns.

#### EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** Flush with plenty of cool water for at least 15 minutes while holding eyelids apart while flushing to rinse entire surface of eye and lids with water. Do not attempt to neutralize with chemical agents. Call a physician or poison center immediately.

**SKIN:** Immediately remove contaminated clothing and shoes. Flush skin thoroughly with large amounts of running water for at least 15 minutes. If irritation persists, call a physician or poison center. Do not attempt to neutralize with chemical agents. Decontaminate clothing and shoes before reuse.

**INHALATION:** Remove patient to fresh air immediately. Apply CPR if needed. Call a physician or poison center immediately. If breathing is difficult, give oxygen.

**INGESTION:** DO NOT induce vomiting. If conscious, give patient several glasses of water to dilute stomach contents and call a physician or poison center immediately. Never give anything by mouth to an unconscious person. If vomiting occurs, give fluids again.

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> Goggles and Gloves	HEALTH	2
	FLAMMABILITY	2
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	n&p