

UNITED

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

GENERAL INFORMATION:

United 419 BOILERMATE PLUS is designed to protect boiler surfaces, steam and condensate lines and associated equipment against scale, corrosion and oxygen pitting. Regular use of **United 419** will keep your entire steam boiler system operating cleanly and efficiently.

UNITED 419 CONTAINS:

- Sulfite, to control dissolved oxygen and prevent pitting.
- Synthetic polymers, to prevent scale and condition sludge for easy removal by blowdown.
- Sequestrants, to control hardness and prevent scale.
- Volatile amine, to pass out of the boiler and prevent corrosion of steam and return lines.

DIRECTIONS FOR USE:

United 419 is best injected into the feedwater line between the final check valve and the boiler. A metering pump (such as UNITED's A603) controlled by the feedwater pump control circuit is best. **United 419** may also be added by pot feeder or into the feedwater (condensate return) tank.

INITIAL DOSAGE: Add one gallon of **United 419** for each 1,000 gallons (1 litre for each 1,000 litres) of estimated boiler capacity.

MAINTENANCE DOSAGE: Feed enough **United 419** to maintain the boiler water sulfite 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 boiler water total alkalinity in the range 500-700 ppm.

United 419

BOILERMATE PLUS

Synthetic Polymer Liquid Steam Boiler Treatment Plus Condensate 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.
320 37th Avenue • St. Charles, IL 60174
1-800-323-2594 • www.unitedlabsinc.com

CAUTION:

Contains Morpholine (CAS#110-91-8), Sodium Hydroxide (CAS#1310-73-2) Sodium Metabisulfite (CAS#7681-57-4), and Sodium Carbonate (CAS#497-19-8). Can cause burns to skin and eyes. Do not take internally. Harmful if swallowed.

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: Flush with plenty of cool water for at least 15 minutes while removing contaminated clothing and shoes. Follow by washing with soap and water. If irritation persists, call a physician or poison center. Wash clothing 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.

An MSDS for this product is available through United's website, 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.

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