

# UNITED

LABORATORIES

## GENERAL INFORMATION:

**Cooling Tower Mud and Silt Remover** is a cationic flocculant-dispersant designed to floc mud, silt and similar undesirable deposit and render them easily removable via the system bleed off valve. Use **Cooling Tower Mud and Silt Remover** in:

- Cooling Towers
- Closed Chilled Water Loops
- Closed Hot Water Loops
- Steam Boilers

Systematic, regular bleed off or blow-down is most important to the care and maintenance of your cooling tower or steam boiler. **Cooling Tower Mud and Silt Remover** will suspend contaminants so that they flow out through the bleed off or blowdown. Mud and silt deposits are particularly common in closed loops, where the lack of a normal bleed off allows contaminants carried in by the make-up water to accumulate. **Cooling Tower Mud and Silt Remover** will disperse these deposits and allow for their easy removal.

## DIRECTIONS FOR USE:

**FOR COOLING AND CONDENSER WATER:** Pour one quart (one litre) per week for each 100 tons of capacity. Flocculated mud and silt will be removed via the bleed off.

## FOR HOT AND CHILLED WATER CLOSED LOOPS:

For a quick clean-out of mud and rust from fouled systems, add one or two quarts of **Cooling Tower Mud and Silt Remover** for each 100 gallons (one or two liters for each 400 litres) of system capacity. Circulate for one to eight hours before flushing. For regular maintenance, use one quart of **Cooling Tower Mud and Silt Remover** per 500 gallons (one litre of **Cooling Tower Mud and Silt Remover** per 2,000 litres) of system capacity. Recirculate for 24-48 hours and then flush system.

## FOR STEAM BOILERS: **Cooling Tower Mud and Silt Remover**

may be used to improve sludge-conditioning in steam boiler water treatment. For the initial dose, introduce one quart of **Cooling Tower Mud and Silt Remover** per 1,000 gallons (one litre per 4,000 litres) of boiler capacity. Thereafter, add one quart per day for each 5,000 gallons (one litre for each 20,000 litres) of capacity. **Cooling Tower Mud and Silt Remover** may be added by a pot feeder or by combining it with other United Laboratories treatment products in a predilution tank. Do not mix product concentrates.

## United 400

# Cooling Tower Mud and Silt Remover

KEEP OUT OF REACH OF CHILDREN.

## CAUTION

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.

### PRECAUCION AL USUARIO:

*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)

## CAUTION:

Although laboratory tests indicate that **Cooling Tower Mud and Silt Remover** is practically devoid of toxicity, it is suggested that prolonged contact with skin be avoided.

## EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** Flush with plenty of cool water for at least 15 minutes. If irritation persists, call a physician or poison center.

**SKIN:** Wash with soap and water. If irritation persists, call a physician or poison center.

**INHALATION:** Remove patient to fresh air; apply CPR if needed. Call a physician or poison center.

**IF SWALLOWED:** Call a physician or poison center 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> Glasses and Gloves	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B