FEATURES

MARC Cooling Tower Scale Remover is a powder specially designed to remove scale which has built up in cooling towers. The buildup of scale can greatly reduce the efficiency of cooling towers, increase operating costs and shorten their operational life. Although MARC Cooling Tower Treatment can gradually remove existing scale, for best results, heavy buildups of scale should be removed with **MARC Cooling Tower Scale Remover** before treatment begins.

WARNING: Contains sulfamic acid. May be corrosive to metals. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long-lasting effects.
Precautionary Statements--Wear protective gloves and clothing, and eye and face protection. Avoid breathing dust. If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice or attention. KEEP OUT OF REACH OF CHILDREN!

HMIS/NFPA Ratings: Health-2, Flammability-0, Reactivity-0.

Net Weight: **50 Pounds**

MARC®

COOLING TOWER SCALE REMOVER

POWDERED ACID DESCALER

- Removes Built-Up Deposits
- Improves Tower Efficiencies
- No Acid Fumes

For Industrial & Institutional Use Only!

WARNING: Causes Irritation.
See Additonal Precautions on Left Panel.

M-331

MID-AMERICAN RESEARCH CHEMICAL CORP.
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DIRECTIONS FOR USE

Before starting cleaning, shut off bleed line, recirculating pump and makeup water. Drain sump and scrape off any loose scale, dirt, sludge and algae. Flush out. Fill tower with fresh water. Initially add one pound of **MARC Cooling Tower Scale Remover** for each 5 gallons of water in the system. Place in sump and dissolve completely. Recirculate for one to two hours. If the pH rises above 3, repeat dosage. If additional descaling is required, drain and flush system, and then refill before adding more **MARC Cooling Tower Scale Remover**. Most towers can be descaled within four hours. After descaling has been accomplished, drain the system and flush out all remaining sediment. Then refill with fresh water, open bleed line and return tower to normal operation.

NOTE: Badly scaled systems may need several treatments. Do not allow descaler to remain in system longer than recommended. In systems with thin piping and which may be kept from leaking by scale and corrosion products, check tower constantly. Do not use with die-cast or "white metal" parts, or if recirculated water containing descaler may be carried into the air or otherwise deposited onto surrounding property or equipment. Repeated descaling will eventually remove galvanized coatings. If system will be shut down after descaling, neutralize traces of descaler with an alkaline material such as soda ash to raise the pH above 7.

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