

AM-43 will control algae and bacterial slimes found in recirculating cooling tower waters.

AM-43 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in small doses, no other microbiocides are required.

AM-43 is economical to use because it is concentrated. It should be handled with care.

**Precautionary Statements**  
**Hazards to Humans and Domestic Animals**

**DANGER**

*Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.*

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge treated effluent into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

**PHYSICAL HAZARDS**

**DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME**

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in landfill approved for pesticides, or buried in a safe place away from water supplies.

**CONTAINER DISPOSAL:**

**METAL:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place. Containers over 30 gallons should be resealed before offering for reconditioning.

**PLASTIC:** Containers under 30 gallons must not be reused but should be triple rinsed and disposed of in an incinerator or landfill approved for pesticide containers or buried in a safe place. Containers over 30 gallons are to be resealed and offered for reconditioning or triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place.

**GENERAL:** Consult Federal, State, or Local disposal authorities for approved alternative procedures.

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**AM-43**

Water Treatment Microbiocide  
for the effective control of a broad  
spectrum of microorganisms in building  
and industrial recirculating cooling towers

**Active Ingredients**

"1-hydroxyethyl-1-benzyl-2-alkyl"  
imidazolinium chloride..... 50%  
"alkyl" as in fatty acids of coconut oil.  
Isopropyl alcohol ..... 50%  
100%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**Statement of Practical Treatment**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**SEE LEFT PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Registration No. 38723-4  
EPA Establishment No. 38723-IL-01  
Net Volume

Walter Louls Chemicals  
530 South 5th Street  
Quincy, IL 62301

**DIRECTIONS FOR USE**

**GENERAL CLASSIFICATION**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For controlling Algae, fungi, and a broad spectrum of bacteria and bacterial slime forming organisms that cause inefficient operating of building and industrial recirculating cooling towers use AM-43 as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of AM-43 follow this procedure.

1. Initially use 7 fluid ounces per 1000 gallons of water to be treated (23 ppm active quaternary).

Should the above dosage not give satisfactory results use 13 fluid ounces per 1000 gallons of water.

Repeat the initial dose every seven days or increase the frequency if needed.

2. When the above treatment level is successful, use 3 to 4 fluid ounces per 1000 gallons of water to maximize efficiency.

Repeat weekly as needed.  
Should slime develop again, go back to initial dosage.

Recirculating cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages, slug feed every seven days.

Dilute the appropriate amount of AM-43 in 1 or 2 gallons of water, then add to the sump of the tower. Note this product weighs 7.76 lbs per gallon (at 20°C).

Should tower be heavily fouled a pre-cleaning is required.