

MOGUL AG-415

For control of algae, bacteria and fungi in commercial and industrial water cooling towers.

Use and Application:

Prior to using Mogul AG-415, systems must be cleaned to remove algal growth, microbiological slime and other deposits. Initial dosage of Mogul AG-415 should be 3.96 to 9.8 fluid ounces of the product per 1000 gallons of water (32 to 80 parts per million). Continuing dosages should be applied at 0.98 to 9.8 fluid ounces per 1000 gallons of water (8 to 80 parts per million) at intervals of 2 to 5 days depending upon the relative amount of bleedoff, or as needed to maintain satisfactory control. Slug additions should be made in the sump of water cooling towers.

Handling Precautions:

CAUTION: Keep out of the reach of children.

Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin and eyes. In case of contact flush with plenty of water for at least 15 minutes. If eye irritation persists get medical attention. Avoid contamination of food.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

This product is toxic to fish. Do not add treated effluent to lakes, streams, or ponds, Do not contaminate water by cleaning of equipment or disposal of waste. Use only as directed on label.

Ingredient:

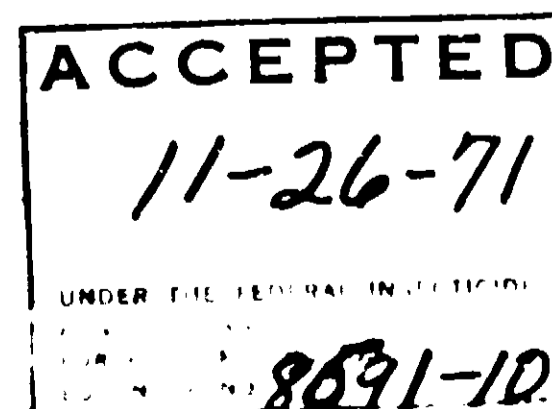
Active -	
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	15%*
Inert	85%
	100%

*Equivalent to 1.25 pounds per gallon

THE MOGUL CORPORATION

Chagrin Falls, Ohio • Charlotte, N. C. • Phoenix, Arizona
Arlington, Texas • Minneapolis, Minn. • Portland, Oregon

EPA Reg. No. 8591-10





2 LBS. NET

NIH-15

A Chlorine Sanitizing Agent

for use as **BACTERICIDE • GERMICIDE
DISINFECTANT • DEODORANT
STAIN REMOVER**

Active Ingredient Calcium Hypochlorite 15%
Inert Ingredients 85%

AVAILABLE CHLORINE 15%

In NIH-15 solutions, active ingredient is entirely converted into SODIUM HYPOCHLORITE

POISON-WARNING:

Keep Out of Reach of Children. See antidote statement on label. No antidote warning statement on label. Mix only with water. Do not use for disinfecting.

Cavalier CHEMICAL CO., INC.

3901-8th AVENUE, BROOKLYN, N. Y. 11232

● **POULTRY-TURKEYS-HATCHERIES.** To help prevent drinking water from becoming contaminated and spreading disease, treat water using one level tablespoon of NIH-15 to each 10 gals. of water. NIH-15 is also valuable for deodorizing, for general poultry sanitation, and for use around the commercial hatchery. Use non-corrosive drinking containers.

● **GUARDING HEALTH IN PUBLIC PLACES.** NIH-15 solutions are effective for general disinfecting and deodorizing around hotels, hospitals, schools, airports, bus and train terminals, gasoline stations.

● **BARS, RESTAURANTS.** An NIH-15 germicidal rinse keeps glasses, dishes, food utensils, sanitary. For hand washing in a three-compartment sink use the following procedure:

1. Scrape and prewash utensils and glasses whenever possible.
2. Wash with a good detergent or compatible cleaner
3. Rinse with clean water.
4. Sanitize in a solution of 1/3 ounce NIH-15 (1 tablespoon measure) to 3 gallons of water (100 ppm). Immerse all utensils for at least two minutes or for contact time specified by governing sanitary code.
5. Place sanitized utensils on a rack or drainboard to air dry. Fresh NIH-15 solutions should be made up each morning and as frequently during the day as is necessary.

● **STAIN REMOVAL — DISHES, PORCELAIN.** Stains are easily removed by dipping china and other surfaces in a solution containing four level tablespoons of NIH-15 to each gallon of water.

● **DAIRY AND OTHER FOOD PLANTS.** Bacteria, molds and yeasts are controlled in dairy and ice cream plants, bakeries, bottling plants, breweries, meat, fish and other food processing plants by using NIH-15 bactericidal solution

NOTE: Apply NIH-15 only to surfaces which have been thoroughly cleaned. Utensils and containers used in dairy, food plants and restaurants should be immersed in NIH-15 solution for two (2) consecutive minutes just before using

ADD NIH-15 directly to hot or cold water and stir before using. The slight cloudiness seen in the solution, caused by a small amount of precipitated chalk, will in no way affect the germicidal efficiency and other properties of the solution.

For clear solutions, add entire contents of this bottle to 3 1/2 gals. water in a crock or glass container. Stir, then let the cloudy material settle. Draw off clear solutions as needed. Four fluid ounces (1/4 pt.) is equal to one level tablespoon of NIH-15 powder.

● **DAIRY FARMS:** Containers and utensils: After each milking, rinse all pails, cans, strainers and milking machines with cold water. Clean with warm water and washing powder, rinse and drain. Just before each milking, sanitize containers and utensils, using 100 ppm NIH-15 solution (1 tablespoon in 3 gallons water). Before milking, to help control mastitis, immerse teat cups in a pail of 200 ppm NIH-15 solution (2 tablespoons in 3 gallons water).

Products containing more than 10% (100,000 ppm) of available chlorine, such as NIH-15 are considered as "poison."

WARNING

Strong oxidant. Keep away from combustible organic materials to avoid fire. Prevent any burning material such as a lighted cigarette from falling into product. Drench fires with water. When measuring, use only a clean plastic or enamel spoon. Avoid contact with skin and eyes. Flush spilled product with water. Keep in cool, dry place in original container. Always replace cap. Do not reuse empty container. Wash thoroughly with water and detergent. Discard in a safe place

WARNING

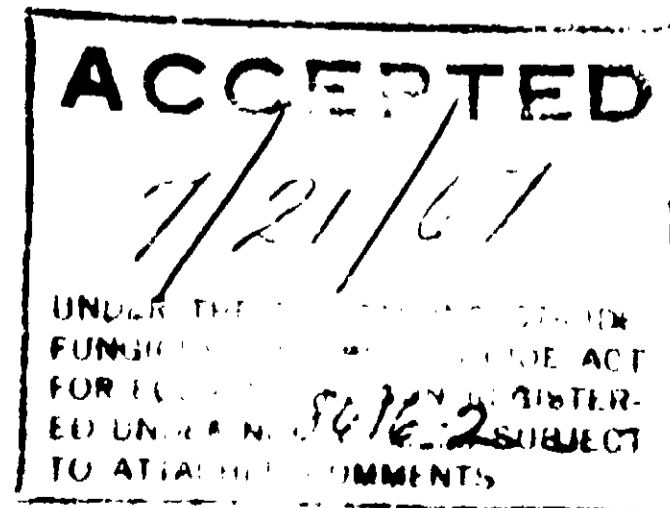
Skin contact may cause irritation. Do not allow contact with skin, mucous membranes, or clothing. Harmful if swallowed.

ANTIDOTE: External—flood with water for 15 minutes. Internal—drink large quantities of water or milk. Follow with milk of magnesia, vegetable oil, or beaten eggs. Call Physician Immediately. Eyes—wash eyes with water for 15 minutes. Get prompt medical attention.

KEEP IN A COOL, DRY PLACE — REPLACE CAP

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USDA Reg. No. 8616.2



This product is an acidic, non-foaming Iodophor which gives quick, positive wetting, yet rapid drain-off. Equally effective in hard or soft water, it has potent sanitizing properties, due to high content of bacteriologically active iodine.

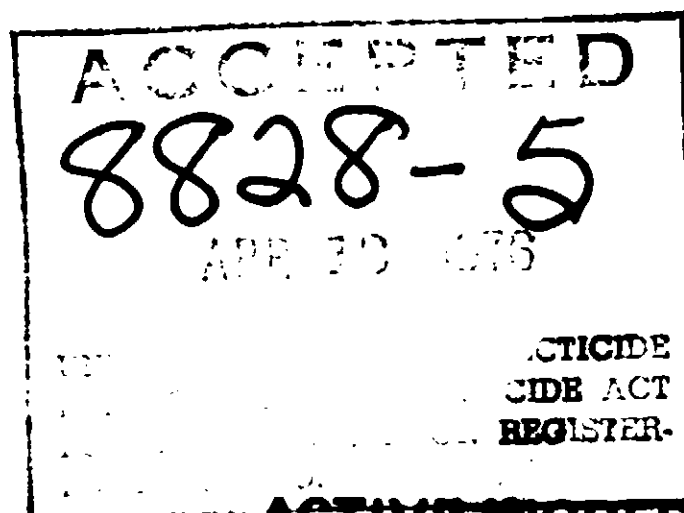
It is acceptable as an iodine sanitizer for final rinse following thorough prior cleaning in food plants, dairies, dairy farms, bottling plants, hospitals and restaurants, where low foaming and nearly neutral iodophors are essential.

This product is regulated under the Food Additives Amendment of the Federal Food, Drug, and Cosmetic Act for use on food processing equipment and utensils—up to 25 ppm of titratable iodine (1 ounce to 5 gallons of water)—without requiring a rinse with potable water.

USES

On rapid filling beverage and brewery lines for sanitizing bottles, crowns, and fillers in all beverage and food plants, for spritzing filling areas in breweries and soft drink plants, as an acid iodine sanitizer for final rinse in food plants, dairies, dairy farms, bottling plants, restaurants, hospitals.

Net Contents: 1 gal.



FOR INDUSTRIAL USE ONLY

NUODINE

A LOW FOAMING IODOPHOR

ACTIVE INGREDIENTS:

- * Butoxy polypropoxy polyethoxy ethanol-iodine complex 12.47%
- * Polyethoxy polypropoxy polyethoxy ethanol-iodine complex ... 0.37%

INERT INGREDIENTS:

..... 87.16%
Total 100.00%

* Providing 1.6% minimum titratable iodine

EPA REG. NO. 8828-5

CAUTION: Keep out of Reach of Children
(See cautions and instructions on side panels.)

U.S. Patent Nos. 3,650,965 — 3,028,299

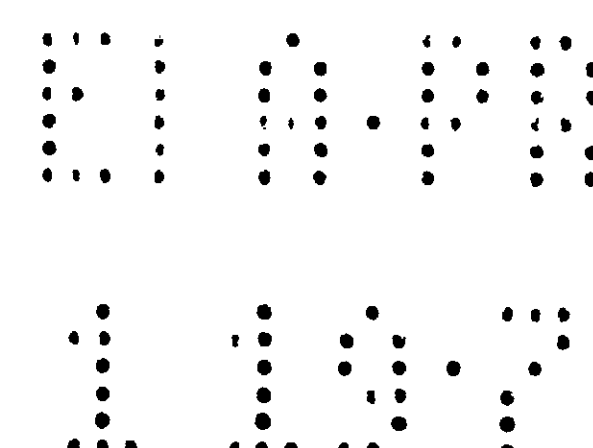
Rinse empty container thoroughly with water and discard it.

EPA Est. 8828-NJ-1

ALMO LABORATORIES CO. INC.



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USE DIRECT

SANITIZING PREVIOUSLY-CLEANED BOTTLES, CROWNS, and caps. Use concentration of 25 ppm. Use 1 ounce to 5 gallons of water to provide 25 ppm titratable iodine.

FARM SANITIZER: Use 1 ounce of available iodine (1 ounce to 5 gallons of water) for sanitizing farm machinery, holding tanks, etc. Drain thoroughly.

PREVIOUSLY-CLEANED BREWERY/SOFT DRINK BOTTLES: Use 25 ppm of titratable iodine to 5 gallons of cold water.

CAUTION

Avoid contact with food, skin or eyes. In case of contact, flush immediately with water and seek medical attention.

KEEP FROM FIRE