

ACCEPTED
 MAY 11 1980
 Under the Federal Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47371-77

An effective multi-purpose disinfectant. Bactericidal, Pseudomonas, Salmonella, Fungicidal, and Virucidal against Herpesvirus Type 1, Adenovirus Type 3, Influenza A/T3 (Morris), and Vaccinia on unpolished hard environmental surfaces and non-porous maritime environment surfaces.

CLEANS • DISINFECTS • DEODORIZES • SANITIZES
BACTERICIDAL • FUNGICIDAL AGAINST ATHLETE'S FOOT FUNGUS • VIRUCIDAL

DISINFECTANT 1:54

SANTIZER 1:152

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
 For use in hospitals, nursing homes, schools, colleges, office buildings, veterinary clinics, hotels and motels, animal life science laboratories, medical and dental offices.

FOR SANITIZING:

For use on hard non-porous surfaces such as counter tops, eating utensils, and drinking glasses. For heavily soiled areas a pre-cleaning is recommended and required. Rinse with potable water prior to application of sanitizing solution. The use 2 ounces per 3 gallons of water for a minimum contact time of 1 minute in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. Thoroughly wet all surfaces. For mechanical applications, use solution may not be reused for sanitizing applications. The recommended use solution is prepared fresh for each use then discarded. Drain thoroughly. Do not rinse.

Before use as a sanitizer on formerly inspected meat and poultry parts and dishes, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food as that kills or no residual remains.

RESTAURANT AND BAR USE: For use as a sanitizer on dishes, glasses, silverware, coffee cups, etc., wash with detergent, rinse thoroughly and immerse in a solution (2-ounces per 3 gallon of water) for at least 1 minute. Drain thoroughly. Do not rinse.

BEVERAGE PLANTS: For sanitizing of brewing or pre-wash destoning equipment, after cleaning thoroughly rinse equipment with cold or lukewarm water. Fill equipment with solution of 2 oz. per 3 gallons of water (175 ppm of quat). Allow the solution to remain in contact with equipment for at least 1 minute or until operations resume at which time the sanitizing solution should be drained from the system.

To insure the removal of flavors, it is suggested that during changeover between products the system should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute. Allow to drain thoroughly before using.

SANITARY FILLING: Recommended for use in sanitizing bottles or cans in the final rinse application. Formulation NTA-84 is to be proportioned into the final rinse water line of the container washer or rinsing in concentration of 175 ppm. A sanitizing solution of 175 ppm active quat should be used in an external spraying application for the filler and closing machines.

STORAGE TANK SANITIZING: Recommended for sanitizing beer fermentation and holding tanks. A solution of 175 ppm should be applied by spraying or used in conjunction with automated cleaning systems. For mechanical operations or automated systems, the used sanitizing solution may not be reused for sanitizing, but may be reused for other purposes such as cleaning.

FISHERIES

FOR SANITIZING IN MILK, CITRUS & ICE CREAM, & POTATO PROCESSING PLANTS:

For use as a sanitizer on conveyors and equipment to reduce or eliminate odors in the processing area. Also, for use on filling equipment to reduce bacteria associated with condensation on equipment and pipes.

FOR DISINFECTING:

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use 2 ounces per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be washed or polished.

KITCHENS AND BATHROOMS: For cleaning and deodorizing kitchens and bathrooms, apply a solution of 1/4 cup of the product/gallon of water to floors, white porcelain surfaces, garbage cans, and other hard non-porous surfaces with a cloth and a sponge.

TO CONTROL MOLD AND MILDEW:

To control mold and mildew on hard non-porous surfaces wash visible soil from the surface. Then apply 1/2 oz. per gallon solution with mop, sponge, cloth or mechanical sprayer so as to wet all surfaces thoroughly. Let air dry. Repeat application every 7 days to control recurrence of growth.

Milk, Citrus and Ice Cream Processing Plants. Applied routinely as a disinfectant on walls and floors will reduce or eliminate odors in the processing area. Use on filling equipment to reduce or eliminate bacteria associated with condensation on equipment and pipes.

FISHERIES,

Pseudomonas putida
Aeromonas salmonicida
Vibrio anguillarum

*Bactericidal against
Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis
Staphylococcus aureus
 phage 80 & 81
Streptococcus pyogenes
Staphylococcus epidermidis
Enterobacter aerogenes
Enterobacter cloacae
Proteus mirabilis
Klebsiella pneumoniae
E. coli
Shigella sonnei
Shigella flexneri
Listeria monocytogenes

**Mold & Mildewcidal Against
Trichophyton mentagrophytes
Alternaria tenuis
Geotrichum candidum
Penicillium digitatum
Phytophthora infestans
Trichoderma harzianum
Fusarium oxysporum
Rhizopus nigricans
Phytophthora infestans

ACTIVE INGREDIENT:
 n-Alkyl (C₁₂-SDA, C₁₄-30%, C₁₆-5%, C₁₈-5%) dimethyl benzyl ammonium chloride
 n-Alkyl (C₁₂-60%, C₁₄-32%) dimethyl benzyl ammonium chloride
INERT INGREDIENTS:

1.00%
 1.00%
 98.00%
 Total 100.00%

DANGER: KEEP OUT OF REACH OF CHILDREN.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin for at least 15 minutes. Get medical attention 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. Get medical attention.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. To protect eyes wear goggles or face shield and to protect skin wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

1 GALLON OR LESS

Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of rubber paper and discard in trash.

PLASTIC CONTAINERS

3 GALLONS

Triple rinse for equivalence. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FIBER DRUMS WITH LIDERS

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

METAL CONTAINERS

Triple rinse for equivalence. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

EPA REG NO 47371-77 EPA EST NO 47371-IN-01
 NET CONTENTS
 HAS CHEMICALS DIVISION
 970 East Tipton Huntington IN 46750
 (219) 358-7071

Formulation HTA-64 Disinfectant

An effective, multi-purpose disinfectant. Staphylocidal, Pseudomonacidal, Bactericidal, Fungicidal, and Virucidal against many lipophilic viruses Herpesvirus Type I, Adenovirus Type 3, Influenza A/73 (Victoria), and Vaccinia on non-porous inanimate surfaces. An effective sanitizer for use on food contact surfaces. It also fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1965 recommendation of the U.S. Public Health Service in hard waters up to 250 ppm hardness (calculated as CaCO₃).

DISINFECTANT: 1:64

SANITIZER: 1:192

INGREDIENTS:

	Percent by Weight
Tetrasodium ethylenediamine tetraacetate (36%)	3.85
*Nonionic surfactant	1.38
FMB 3328-6 Quat (80%)	6.78
Deionized water	88.01
OR	
Tetrasodium ethylenediamine tetraacetate (36%)	3.850
*Nonionic surfactant	1.380
FMB 3328-6 Quat (80%)	4.225
Deionized water	90.545

*Nonyl phenol polyoxyethylene (11 moles ave. ethylene oxide)

HTA-64 at a 1:64 dilution passes the A.O.A.C. Use-Dilution Confirmation Test against the following:

BACTERICIDAL AGAINST:

- Staphylococcus aureus
- Pseudomonas aeruginosa
- Salmonella choleraesuis
- Staphylococcus aureus phage 80
- Staphylococcus aureus phage 81
- Streptococcus pyogenes
- Staphylococcus epidermidis
- Enterobacter cloacae
- Proteus mirabilis
- Klebsiella pneumoniae
- E. coli
- Shigella sonnei
- Shigella flexneri
- Enterobacter aerogenes
- Pseudomonas putida
- Aeromonas salmonicida
- Vibrio cholerae

HTA-64 is Virucidal against the following:

- Vaccinia
- Adenovirus Type 3 (Victoria)
- Herpes virus Type I
- Influenza A₇₃

MOLD + MILDEWICIDAL AGAINST

- Trichophyton interdigitale
- Alternaria tenuis
- Geotrichum candida
- Penicillium digitatum
- Phytophthora infestans
- Trichoderma harzianum
- Fusarium oxysporum
- Rhizopus nigricans
- Phytophthora infestans

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Effective as a sanitizer according to A.O.A.C. Germicidal and Detergent Sanitizer Test in the presence of 250 ppm hard water.

EPA Reg. No. 47371-77

Regulated by FDA under CFR § 178.1010 (b)(16) and (c)(11).

Authorized by USDA for use in federally inspected meat & poultry plants as a sanitizer not requiring a rinse.

