

2072

ACTIVE INGREDIENTS:

5-Chloro-3-Methyl-4-isothiazolin-3-one 1.15%
3-Methyl-4-isothiazolin-3-one .35%

INERT INGREDIENTS: 98.5%

to provide 425 to 3,350 ppm product (6.25 to 50 ppm active isothiazolones).

NOTE: To insure uniform mixing add Busan 1078 microbicide to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected and level of protection required.

Adhesive and Tackifier Preservation:

Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, and acrylic latices. Busan 1078 microbicide is recommended as a preservative for tackifiers derived from resin and hydrocarbon resins. Add 0.43-1.65 lbs of Busan 1078 1.5% microbicide (195 - 750 g) to each 1,000 lbs (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

Paint and Coatings Preservation

Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes, and special purpose coatings. Add 0.43 - 1.65 lbs. of Busan 1078 microbicide (195 - 750 g) to each 1000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

Building Material Preservation

Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in building material such as mastics, caulk, joint cement, spackling and grouting. Add 0.43 - 1.65 lbs. of Busan 1078 microbicide (195 - 750 g) to each 1000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

Dispersed Pigment Preservation

Busan 1078 microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper production. Add 0.43 - 1.65 lbs. of Busan 1078 microbicide (195 - 750 g) to each 1000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

FUEL PRESERVATION

Busan 1078 is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fuels, kerosene, heating oils, diesel fuels, residual fuel oils, coal slurries, liquefied petroleum gases and petrochemical feedstocks.

Method of addition: Busan 1078 should be directly dispersed into a fuel tank, storage tank or a flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended. **CURATIVE DOSE:** When the system is noticeably fouled, add 1-2 gallons Busan 1078 per 10,000 gallons of fluid in the system. This will provide 100 to 200 ppm of Busan 1078 and 1.5-3.0 ppm active ingredient. Repeat until control is achieved. A shock dose of up to 4 gallons of Busan 1078 per 10,000 gallons of fluid is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris. **MAINTENANCE DOSE:** When the system is noticeably fouled, add 0.5 to 1.5 gallons of Busan 1078 per 10,000 gallons of fluid to maintain the system. This will provide 50 to 150 ppm of Busan 1078 and 0.75-2.25 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected.

FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

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HMS/NPCA RATING

Health 3 Flammability 1 Reactivity 1

EPA Reg. No. 1448-348

Product Weight 8.5 lbs/gal 1.02 Kg/L

NET CONTENTS MARKED ON CONTAINER

Manufactured By EPA Est.No 1448 TN-
BUCKMAN LABORATORIES, INC.

1256 N. McLean Blvd., Memphis, TN 38111
(901) 278-0330 or 1-800-BUCKMAN

ACCEPTED

MAY 11 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1448-348

G-1/B400 4/83

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. BIO-QUAT solution has been designed specifically for hospitals, food processing plants, dairies, restaurants, bars, and other institutions where disinfection and sanitation is of prime importance.

DISINFECTANT-To disinfect previously cleaned hard inanimate surfaces (such as walls, floors, table tops), apply BIO-QUAT solution with mop, cloth, sponge as so to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

DILUTION RATES-General Disinfection - add 3 ounces per 10 gallons of water. Hospital Disinfection - add 2 1/2 ounces per 10 gallons of water.

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1 1/2 ounces BIO-QUAT per 2 gallons of water for 10 minutes.

For disinfection, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

DEODORIZER-To deodorize, apply BIO-QUAT solution as indicated under the heading "General Disinfection" above.

MILDEWSTAT-To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 ounces BIO-QUAT solution per 2 gallons of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

SANITIZATION-To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary solution by adding 1 ounce BIO-QUAT to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200ppm BIO-QUAT solution for at least 1 minute making sure to wet all surfaces completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm BIO-QUAT solution for at least 1 minute making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

PRECAUTIONARY STATEMENTS

Hazard 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. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

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 all contaminated clothing before reuse. If swallowed drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulators shock, respiratory depression, and convulsion may be needed.

BIO-Q

**DISINFECTANT
DEODORIZER**

ACTIVE INGREDIENTS

- n-Alkyl (80% C₁₄, 30% C₁₄, 5% C₁₂, 5% C₁₆)
- dimethyl benzyl ammonium chlorides
- n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl
- ammonium chlorides
- INERT INGREDIENTS:**

EPA REGISTRATI
EPA EST NO.

**KEEP OUT OF REAC
DAN**

See side panels for additional precaution

NET CONTENTS

(310) 695-1232

Morgan-Gal

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