

(MIDDLE PANEL)

M-2205 DISINFECTANT/SANITIZER/CLEANER**ACTIVE INGREDIENT:**

Iodine*	1.75%
Inert Ingredients:	98.25%
	100.00%

*From nonylphenoxypoly (ethyleneoxy) ethanol and polyethoxy polypropoxy polyethoxy ethanol-iodine complexes.

DISINFECTANT ½ ounce per gallon of water

AOAC USE-DILUTION TEST:

Effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis* . . . 1:256

AOAC TUBERCULOCIDAL ACTIVITY TEST:

Effective against *Mycobacterium tuberculosis* var. *bovis* strain BCG 1:256

VIRUCIDAL QUALIFICATION TEST:

Effective against Polio Virus Type I 1:256

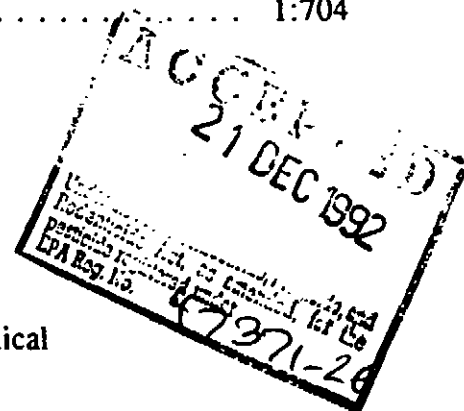
SANITIZER: 1 ounce per 5½ gallons of water

AOAC AVAILABLE CHLORINE GERMICIDAL EQUIVALENT CONCENTRATE:

Effective against *Salmonella typhi* and *Staphylococcus aureus* 1:704

KEEP OUT OF REACH OF CHILDREN**DANGER**

(See right panel for additional precautionary and practical treatment statements.)



EPA Registration No. 47371-26

EPA Establishment No. 47371-IN-01

NET CONTENTS _____

H&S Chemicals Division • 970 East Tipton • Huntington, IN 46750

275

(LEFT PANEL M-2205 DISINFECTANT/SANITIZER/CLEANER)

DIRECTIONS FOR USE

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

For use in poultry and turkey farms, life science animal cages, veterinary clinics, hospitals, nursing homes, medical and dental offices, dairies, federally inspected meat and poultry plants, and food processing equipment (See bulletin for Poultry House & Farm Premise use directions.).

FOR DISINFECTING: For use on precleaned, hard, non-porous surfaces such as floors, walls, metal surfaces, and porcelain surfaces. Remove gross filth and heavy soil deposits. Preclean all surfaces prior to disinfecting. Use 1 ounce per 2 gallons of water for a minimum contact time of 10 minutes in a single application. Can be applied by trigger sprayer or soaking. The recommended use solution is prepared fresh for each use then discarded.

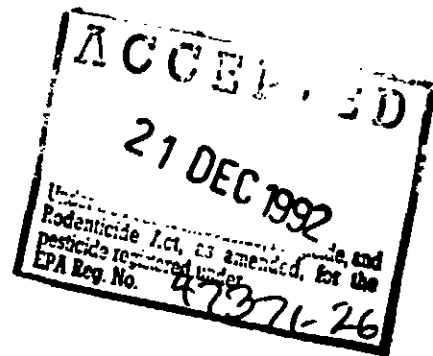
Tuberculocidal at a 1:256 dilution in the presence of 400 ppm synthetic hard water (calculated as CaCO_3) and moderate amounts of organic soils (5%) for a contact time of 10 minutes at 20°C on hard, non-porous, inanimate surfaces. Remove gross filth and heavy soil deposits, then thoroughly wet surfaces. Can be applied with cloth, mop, sponge, trigger sprayer or by soaking. The recommended use solution is used once and discarded.

FOR SANITIZING POULTRY DRINKING WATER, DILUTION: 1 ounce per 11 gallons of water (12½ ppm titratable iodine). Regular use helps keep the waterers free of slime and minerals.

DAIRY USE: The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 1 ounce in 5½ gallons of warm water. Do not rinse. Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

FOR SANITIZING: Remove gross food particles and soil by a preflush, or prescrape and when necessary, presoak treatment. Use 1 ounce per 5½ gallons of water for a minimum contact time of 1 minute. Apply to sink tops, countertops, refrigerated storage, display equipment, and other stationary, hard surfaces by cloth or brush. Do not rinse after sanitizing. However, the surfaces must be adequately drained before contact with food so that little or no residue remains. Allow to air dry.

For mechanical operations, the prepared use solution may not be reused for sanitizing but may be used for other purposes such as cleaning. For manual operations, a fresh sanitizing solution must be prepared daily, or more often if the solution becomes diluted or soiled.



(LEFT PANEL CONTINUED M-2205 FARM DISINFECTANT/SANITIZER)

Before use in federally inspected meat and poultry food processing plants and dairies, 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 so that little or no residue remains. Do not rinse after sanitizing.

FOR USE IN FOOD PROCESSING PLANTS: For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment, and other hard surfaces. Wash and rinse all articles thoroughly, then apply a solution of 1 ounce in 5½ gallons of water for a contact time of 1 minute. Drain thoroughly. Do not rinse. Allow to air dry.

RESTAURANT AND BAR USE: Wash dishes, glassware, silverware, and cooking utensils with detergent. Rinse thoroughly and immerse in a solution (1 ounce per 5½ gallons of water) for a contact time of 1 minute to provide 25 ppm of titratable iodine. Drain thoroughly. Do not rinse. Allow to air dry.

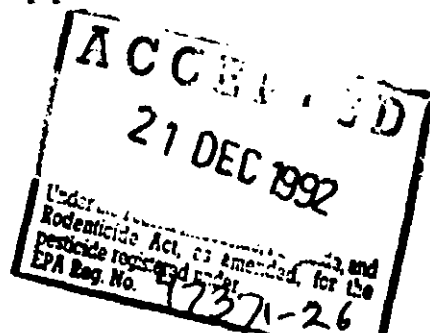
FOOD AND BEVERAGE SANITIZATION PROCEDURES

BEER AND SOFT DRINK PLANTS: Thoroughly rinse bottling and premix dispensers with water. Drain thoroughly and fill equipment with 25 ppm sanitizing solution (1 ounce per 5½ gallons of water). Just before resuming operation, drain the equipment thoroughly. System should not be rinsed with potable water. Allow to air dry. When changing soft drink flavors, rinse system well with water. Flush with 25 ppm sanitizing solution for at least 1 minute. Drain thoroughly. System should not be rinsed with potable water. Allow to air dry. Do not rinse after sanitizing.

SANITIZING BOTTLES AND CANS: Proportion into the final rinse of the container washer 25 ppm titratable iodine. Use 1 ounce per 5½ gallons of water for a minimum contact time of one minute. A potable water rinse is not required following use of this compound on previously cleaned hard surfaces. However, the surfaces must be adequately drained before contact with food so that little or no residue remains. Do not rinse after sanitizing. Allow to air dry.

SANITIZING STORAGE TANKS: After cleaning, use a 25 ppm (1 ounce per 5½ gallons of water) solution for sanitizing beer fermentation and holding tanks. Use solution can be used in conjunction with automated clean-in-place systems. Do not rinse after sanitizing. However, surfaces must be adequately drained before contact with beer so little or no residue remains. Allow to air dry.

MILK, CITRUS, AND ICE CREAM PROCESSING PLANTS: Applied routinely as a sanitizer (12½ ppm to 25 ppm titratable iodine) on walls, conveyors, equipment, and floors, this product will reduce or eliminate odors in the processing area. A contact time of 1 minute is required. Do not rinse after sanitizing. Surfaces must be adequately drained before contact with food so little or no residue remains. Allow to air dry. Use on filling equipment to reduce or eliminate bacteria associated with condensation on equipment and pipes. Regular use as a sanitizer at 25 ppm will help prevent milk stone formation on equipment. Dilution is 1 ounce per 5½ gallons of water.



495

(RIGHT PANEL M-2205 DISINFECTANT/SANITIZER/CLEANER)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Harmful if swallowed or inhaled. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. May cause severe eye irritation or eye damage. Causes skin irritation. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food, water, or animal feed. Wash contaminated clothing before reuse.

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 immediately. If swallowed, drink promptly a large quantity of water. Call a physician immediately.

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

STORAGE AND DISPOSAL

PROHIBITIONS

Keep product under locked storage, inaccessible to children. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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, Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

PLASTIC CONTAINERS

Triple rinse (or equivalent). Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or incinerate; or, if allowed by state and local authorities, burn. If burned, stay out of smoke.

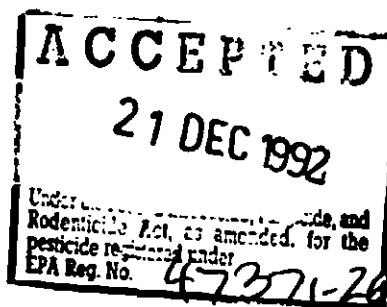
FIBER DRUMS WITH LINERS

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 (or equivalent). 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.

(M-2205DSC/093091)



575

M-2205 DISINFECTANT/SANITIZER/CLEANER

TURKEY & POULTRY HOUSE DISINFECTANT

DILUTION: 1 to 256 ½ OUNCE PER GALLON

Directions for Use

1. Remove all poultry and feeds from premises, trucks, coops, and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7. Thoroughly scrub treated feed rack, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

(Refer to label for precautionary and practical treatment statements.)

FARM PREMISE DISINFECTANT

Directions for Use

1. For use in milking stalls, milking parlors, or milk houses.
2. Remove all animals and feed from premises, vehicles, and enclosures.
3. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4. Empty all troughs, racks, and other feeding and watering appliances.
5. Thoroughly clean all surfaces with soap or detergent and rinse with water.
6. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
7. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
8. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
9. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

093091

