

SANITATION-DISINFECTION FOR POULTRY

WHY IS DISINFECTION IMPORTANT?

Reducing the load of pathogens in your flock's environment will decrease the risk of disease. Disinfectants are chemical agents that can kill pathogens on contact. Labeled to eliminate human pathogens such as E. Coli, Salmonella enterica, Lactobacillus and Tricophyton mentagrophytes. Cleaning prior to disinfection exposes the pathogens to the disinfectant.

STEP 1: CLEAN

- ✓ Remove all bedding, feed, and manure.
- ✓ Sweep out loose dirt, cobwebs, etc.
- ✓ Scrub all surfaces or power wash with a good surfactant combined with SaniDate 5.0.

SaniDate 5.0 is effective at inhibiting the growth of bacteria when used in the presence of 400 ppm hard water and organic soil. This product can be used on floors, walls, and other hard, non-porous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, glazed tile, and other use sites listed on the SaniDate 5.0 label made of linoleum, vinyl, glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.

STEP 2: DISINFECT

- ✓ Clean out any remaining eggs and chicks. Remove all poultry and feeds from premises, trucks, coops, and crates.
- ✓ Remove gross soils, such as litter, droppings, down shell fragments, or other hatching related debris from floors, walls, and surfaces of facilities occupied or traversed by poultry.
- ✓ Empty all troughs, racks, and other feeding and watering appliances and equipment.
- ✓ Thoroughly clean all surfaces with soap or detergent and rinse thoroughly with water.
- ✓ Saturate all surfaces with a solution of 1/2 fl. oz. per 1 gallon of water for a period of ten minutes.
- ✓ Ventilate buildings, coops, and other closed spaces. Allow to dry before reintroducing eggs or poultry.

SANIDATE 5.0 SANITIZER/DISINFECTANT APPLICATIONS

FOGGING POULTRY PREMISES, HATCHERIES, AND COOPS

SaniDate 5.0 can be used as an adjunct to acceptable manual cleaning and disinfecting to treat hard, non-porous room surfaces.

- ✓ Prior to fogging, remove any remaining eggs, chicks, and feeds from premises, coops, and crates.
- ✓ Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
- ✓ Remove gross filth from surfaces to be treated.
- ✓ Ensure room is properly ventilated. Vacate all personnel from the room during fogging and for a minimum of 1 hour after fogging to ensure that there is no strong odor, which is characteristic of acetic acid, before having personnel return to work area.
- ✓ Fog desired areas using 1 quart per 1,000 feet square with a solution of 1 fl. oz. of SaniDate 5.0 per gallon of potable water (0.25 fl. oz. per quart of potable water) or a dilution rate of 1:125.

Allow surfaces to drain thoroughly before operations are resumed.

FOOTBATH MATS, PADS, AND WALK-THROUGH TRAYS

Footbaths provide an excellent method of preventing cross contamination from one poultry house to another. SaniDate 5.0 may be used in conjunction with footbaths and mats.

Place footbath mats, pads, or trays at the entrances of all rooms and buildings to prevent cross contamination from area to area in animal containment, and poultry premises.

- ✓ Prior to use of this product, rinse or brush footwear surfaces to remove gross filth.
- ✓ Make a solution using 0.5 – 1.0 fl. oz. of SaniDate 5.0 per gallon of water and add to footbath mat, pad, or tray, filling to capacity.
- ✓ Place boots and shoes in the footbath mat, pad, or tray containing the recommended solution of SaniDate 5.0. Allow surface to remain wet for ten minutes prior to entering next area. Change solution daily or as needed.

TRANSPORTATION EQUIPMENT

For Disinfection of Poultry and Poultry Product Trucks and Trailers (including truck body parts and tires.)

- ✓ Before Disinfection, move the transportation equipment into an area with an impervious surface and with controlled drainage.
- ✓ Remove gross contamination with a cleaner or other suitable detergent and rinse with water.
- ✓ Use SaniDate 5.0 at a dilution rate of 1:256 (0.5 fl. oz./gal) as a general course spray.
- ✓ Allow solution to contact surface for ten minutes.
- ✓ Allow to air dry, do not rinse.

TREATMENT OF EVAPORATIVE COOLERS

Evaporative coolers are an integral part of any poultry operation and they may help harbor infectious diseases as well as propagate algae and bacterial slime, which reduce their efficiencies and result in an energy loss. SaniDate 5.0 may be used to treat the make up water that these systems work on, to keep water free of microorganisms.

Use SaniDate 5.0 to control algal, fungal, and bacterial growth on surfaces and equipment. Treat contaminated surfaces with a dilution of 1:240 of SaniDate 5.0. For maintenance, treat cooler water once a week with a dilution of 1:800 of SaniDate 5.0 for every gallon of cooling water.

**SaniDate 5.0 Sanitizer/Disinfectant (SN-181) is available
in 2.5, 5, 30, 55, and 275 gallon sizes.**

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