

DuPont™ SentraMax™

BROAD-SPECTRUM DISINFECTANT

DuPont™ SentraMax™ Broad-Spectrum Disinfectant:

- Staphylocidal, Pseudomonacidal, Bactericidal, Salmonellacidal, Fungicidal, Virucidal*
- Formulated for effective Farm Premise Sanitation, Poultry Premise Sanitation and Swine Premise Sanitation
- Effective in hard water up to 400 ppm hardness (calculated as CaCO₃) in the presence of 5% serum contamination

Cleaner, Sanitizer, Fungicide, Mildewstat, Virucide*

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	6.510%
Diocetyl dimethyl ammonium chloride	2.604%
Didecyl dimethyl ammonium chloride	3.906%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride.....	8.680%
OTHER INGREDIENTS	78.300%
TOTAL INGREDIENTS	100.000%

EPA Reg No. 6836-139-71654

EPA Est. No. 10183-MI-01

**KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO**

NET CONTENTS: 1 Gallon (3.78L)



The miracles of science™

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

For 24-hour emergency information on this product, call 1-800-441-3637 (US & Canada) or 1-302-774-1139 (all other areas).

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. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed and/or if absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.


ENVIRONMENTAL HAZARDS:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Offer for recycling if available or discard in trash.

NONREFILLABLE CONTAINER: Do not reuse or refill this container.



This product is a disinfectant at 1:256 dilution (1/2 oz. per gallon of water), Bactericidal according to the current AOAC Use-Dilution Test and Virucidal* according to the virucidal qualification modified in the presence of 400 ppm hard water plus 5% organic serum against:

BACTERIA

Acinetobacter baumannii
Brevibacterium ammoniagenes
Campylobacter jejuni
Enterobacter aerogenes
Enterococcus faecalis
Enterococcus faecalis – Vancomycin Resistant (VRE)
ESBL Escherichia coli – (Extended spectrum beta-lactamase producing E. coli)
Escherichia coli
Klebsiella pneumoniae
Legionella pneumophila
Pseudomonas aeruginosa
Pseudomonas cepacia
Salmonella enterica
Salmonella choleraesuis
Salmonella schottmuelleri
Salmonella typhi
Serratia marcescens
Shigella dysenteriae
Staphylococcus aureus
Staphylococcus aureus – Multi-Drug Resistant
Staphylococcus aureus – Methicillin-Resistant (MRSA)
Staphylococcus aureus – Vancomycin Intermediate Resistant (VISA)
Streptococcus pyogenes
Vibrio cholerae

VIRUSES

*Adenovirus Type 5 at 1:64 dilution (2 oz. per gallon of water)
*Adenovirus Type 7 at 1:64 dilution (2 oz. per gallon of water)
*Herpes Simplex Virus Type 1
*Herpes Simplex Virus Type 2
*Human Coronavirus
*Influenza Type A / Brazil
*Respiratory Syncytial Virus (RSV)
*Vaccinia (Pox Virus)

FUNGI

Aspergillus niger
Trichophyton mentagrophytes

Use as a disinfectant on hard, nonporous surfaces.

- For Poultry Premise Sanitation (Hatcheries): egg receiving area, egg holding area; setter room, tray dumping area, trays, buggies, racks, egg flats, chick holding room, hatchery room, chick processing area, chick loading area, poultry buildings, ceilings, sidewalls and floors, drinkers and other poultry house related equipment, and all other hard, nonporous surfaces in the hatchery environment.

- For Swine Premise Sanitation: waterers and feeders, hauling equipment, dressing plants, loading equipment, farrowing barns and areas, nursery blocks, creep area, chutes.
- For Farm Premise Sanitation of hard nonporous surfaces: floors, walls, feed racks, mangers, troughs, automatic feeders, fountains and waterers, forks, shovels, scrapers and other nonporous surfaces in barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.

DuPont™ SentraMax™ Broad-Spectrum Disinfectant kills Avian Influenza A (H3N2) and (H5N1) on pre-cleaned environmental surfaces.

Use in farms, hog farms, poultry farms, and turkey farms.

Use DuPont™ SentraMax™ Broad-Spectrum Disinfectant as a Food-Grade Shell Egg sanitizer, with best results achieved in water temperatures ranging from 78°-110°F. DuPont™ SentraMax™ Broad-Spectrum Disinfectant may be applied through automatic washing systems, immersion tanks, foaming apparatus and low-pressure sprayers.

This product eliminates 99.9% of Staphylococcus aureus and Klebsiella pneumoniae in 60 seconds.

This product is a mildewstat and will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard nonporous surfaces.

DILUTION: Disinfection (1:256) 1/2 oz. per gallon of water.

DIRECTIONS FOR USE


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

PREPARATION OF DISINFECTANT USE-SOLUTION:

Add 1/2 oz. per gallon of water (1:256). For heavy duty use, add 2 oz. per gallon of water (1:64).

DISINFECTION/VIRUCIDAL*/FUNGICIDAL/MOLD AND

MILDEW CONTROL DIRECTIONS: Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Use 2 ounces per gallon of water to kill Adenovirus Type 5 and Type 7. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface, rub with a brush, sponge or cloth. Do not breathe spray.



FOR FUNGICIDAL ACTIVITY, DuPont™ SentraMax™ Broad-Spectrum Disinfectant is an effective fungicide against *Trichophyton mentagrophytes* in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. It is a one-step fungicide at 1/2 oz. per gallon in 250 ppm hard water and 5% serum. At 1/2 oz. per gallon in 400 ppm hard water, the product must be used on precleaned surfaces.

FOR MOLD AND MILDEW, At 1/2 oz. per gallon, DuPont™ SentraMax™ Broad-Spectrum Disinfectant will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes as a disinfectant.

Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

This product is not for use on medical device surfaces.

TO CLEAN AND DEODORIZE: Mix 1/2 oz. per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

ANIMAL VIRUSES

*Avian Infectious Bronchitis Virus, *Avian Influenza Virus (H3N2), *Avian Influenza Virus (H5N1), *Canine Distemper Virus, *Newcastle's Disease Virus, *Pseudorabies Virus

FARM PREMISE USE: Remove all animals and feed from premises, vehicles and enclosures. 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. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with a use-solution of 1/2 oz. of this product per gallon of water for a period of 10 minutes. 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. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

POULTRY AND SWINE PREMISE DISINFECTION/

VIRUCIDAL* DIRECTIONS: Remove all animals and feeds from premises, vehicles and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 1/2 oz. of this product per gallon of water. Saturate surfaces with the recommended disinfecting solution for 10 minutes. 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. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.


HATCHERIES: Use 1/2 oz. of this product per gallon of water to treat hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard nonporous surfaces. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or sponge or allow to air dry.

FOGGING DEVICE HATCHERY ROOM SANITIZER / FOGGING DEVICE INCUBATOR AND HATCHER SANITIZER

DIRECTIONS: Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and detergent and rinse with water. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

For Hatchery Room: Mix two parts of product to five parts water (1/2 gallon to 2.5 gallons of water). Insert nozzle of fogger through suitable opening to room. With the setting in maximum output, for one minute for each 4000 cubic feet of space in the room.

For Incubator and Hatcher: Mix 6 oz per 122 oz of water. Fog 3-8 oz into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatchers treatment at least 24 hours prior to pulling the hatch. It is acceptable to fog setters and hatchers with 1/2 oz per gallon on an hourly or every other hourly basis. If this solution is used, fog for 30-90 seconds once per hour or once every 2 hours.



When fogging is completed, ventilate buildings, and other closed spaces. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. Do not allow people to contact or breathe this fog. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, and rinse with potable water before reuse.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING FOR ROOM AND MACHINE SURFACES.

VEHICLES: Treat all vehicles including mats, crates, cabs and wheels with water and DuPont™ SentraMax™ Broad-Spectrum Disinfectant. Use 1/2 oz. per gallon of water to treat all vehicles. Leave all treated surfaces wet for 10 minutes or more. Wipe dry with a clean cloth or sponge or allow to air dry.

SHOE BATH SANITIZER DIRECTIONS: To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made solution must be placed at all entrances to buildings and hatcheries. Scrape waterproof work boots and place in a 1/2 oz. of this product per 4 gallons of water use-solution for 60 seconds prior to entering area. Change the solution in the bath daily or when solution appears diluted or soiled.

SHOE FOAM SANITIZER DIRECTIONS: To prevent cross contamination into animal areas, and the packaging and storage areas of food plants. Apply a foam layer approximately 1/2 to 2 inches thick made from a solution of 1/2 oz. of this product per 2 – 5 1/2 gallons of water [400 – 150 ppm active quat], at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply the foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator or aerator. Scrape waterproof work boots. Stand or walk through foamed area for 60 seconds prior to entering area. Wash and replace Foam Area at least daily or more often if the Foam Area appears diluted or soiled.

TO SANITIZE EGG SHELLS INTENDED FOR FOOD: To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a use-solution of 1/2 oz. of this product per 4 – 5 1/2 gallons of water (or equivalent dilution) (200 - 150 ppm active). The solution must be equal to or warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a thorough potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

Note: Only clean, whole eggs can be used for sanitizing. Dirty, cracked or punctured eggs cannot be sanitized.

MANUFACTURED FOR:

E. I. du Pont de Nemours and Company
DuPont Animal Health Solutions
PO Box 80023, Wilmington, DE 19880-0023 USA

Questions? Call 1-800-441-7515
Outside the US, contact: 1-302-774-1000

DuPont Animal Health Solutions

1007 Market Street
Wilmington, DE 19898

Phone: 1-800-441-7515 or 1-302-774-1000

Fax: 1-302-892-7656

Email: biosecurity@gbr.dupont.com

www.ahs.dupont.com



The miracles of science™