## **SASOUTHERN** 5 0 AG<sub>®</sub>

**LIMITED USE (Non WPS)** 

# **SA-20 DISINFECTAN**

Cleaner - Deodorizer - Fungicide - Mildewstat - Sanitizer - Virucide\*

#### **ACTIVE INGREDIENTS:**

Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride ......10.0% Alkyl (68% C12, 32% C14)

Dimethyl Ethylbenzyl Ammonium Chloride......10.0% OTHER INGREDIENTS: 80.0% TOTAL:.....100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

SEE SIDE OF LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

#### **FIRST AID**

In case of emergency, 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.

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

IF ON SKIN: 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

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

## Distributed By: Southern Agricultural Insecticides, Inc.

EPA Reg. No. 10324-94-829

P.O. Box 218, Palmetto, FL 34220

EPÁ Est. No. 829-FL-1

Net Contents:

1 Gallon

2.5 Gallons

30 Gallons

Made in the USA

(3.79 liters)

(9.46 liters)

(113.56 liters)



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#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 1 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Burkholderia cepacia, Campylobacter jejuni, Corynebacterium ammoniagenes, Enterococcus faecium, Escherichia coli O157:H7, Klebsiella pneumoniae, Listeria monocytogenes, Proteus mirabilis, Pseudomonas aeruginosa, Salmonella enterica, Salmonella enterica serovar Typhi, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus Hospital Acquired Methicillin Resistant (HA-MRSA), Staphylococcus aureus Community Acquired Methicillin Resistant (CA-MRSA), Yersinia enterocolitica.

VIRUCIDAL\* PERFORMANCE: This product kills the following viruses in 10 minutes at 1 oz. per gal. of 400 ppm hard water (1550 ppm active) and 5% soil on hard, non-porous surfaces:

Avian Influenza A (H5N1) Virus Avian Influenza A (H5N2) Virus Hepatitis B Virus (HBV) Hepatitis C Virus (HCV) Herpes Simplex Type 1 Virus (VR-733) Herpes Simplex Type 2 Virus (VR-734)

Human Coronavirus (VR-740)

Human Immunodeficiency Virus Type 1‡ (HIV-1)

Influenza A (H1N1) Virus

Influenza A/Hong Kong/8/68 Virus SARS-CoV-2‡ (COVID-19 Virus)

Vaccinia Virus

‡Indicates a 2-minute contact time is required for this

ANIMAL PREMISE VIRUCIDAL\* PERFORMANCE: This product kills the following viruses in 10 minutes at 1 oz. per gal. of 400 ppm hard water (1550 ppm active) and 5% soil on hard, non-porous surfaces:

Avian Infectious Bronchitis Virus (Strain Beau-

Avian Influenza A (H5N1) Virus Avian Influenza A (H5N2) Virus Avian Reovirus (VR-2449)

Bovine Viral Diarrhea Virus (VR-1422)

Canine Coronavirus (VR-809) Canine Distemper Virus

Equine Arteritis Virus (VR-796)

Infectious Bovine Rhinotracheitis Virus (IBR) (VR-188)

Newcastle Disease Virus

Porcine Respiratory and Reproductive Virus (PRRSV)
Porcine Rotavirus (VR-893)

Pseudorabies Virus (VR-135)

Transmissible Gastroenteritis Virus (TGE)



SA-20 DISINFECTANT rizer - Fungicide - Mildewstat - Sanitizer - Virucide\* Cleaner - Deodorizer

ACTIVE INGREDIENTS:	
Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
Dimethyl Benzyl Ammonium Chloride	10.0%
Alkyl (68% C12, 32% C14)	
Dimethyl Ethylbenzyl Ammonium Chloride	10.0%
OTHER INGREDIENTS:	80.0%
TOTAL:	100.00/

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

#### FIRST AID

In case of emergency, 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

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

IF ON SKIN: 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouthto-mouth, if possible

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

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use

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 HANDLING: For non-refillable containers equal to or less than 5 gal. Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For non-refillable containers greater than 5 gal. Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For residential/household use ONLY. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Distributed By: Southern Agricultural Insecticides, Inc.
EPA Reg. No. 10324-94-829 P.O. Box 218, Palmetto, FL 34220 EPA Est. No. 829-FL-1
Net Contents: ☐ 1 Gallon (3.79 liters) ☐ 2.5 Gallons (9.46 liters) ☐ 30 Gallons (113.56 liters)



FOOD CONTACT SURFACE SANITIZING PERFORMANCE: This product is an effective food contact sanitizer in 1 minute at 0.5 oz. per 4 gal. of 500 ppm hard water (200 ppm active) on hard, non-porous surfaces against: Aeromonas hydrophila, Campylobacter jejuni, Cronobacter sakazakii, Enterococcus faecalis Vanocomycin Resistant, Escherichia coli, Escherichia coli 026:H11, Escherichia coli 045:K-:H-, Escherichia coli 0103:K:H8, Escherichia coli 0111:H8, Escherichia coli 0121:K-:H10, Escherichia coli 0145:H48, Escherichia coli 0157:H7, Listeria monocytogenes, Salmonella enterica serovar Typhi, Shigella dysenteriae, Staphylococcus aureus, Streptococcus pyogenes, Yersinia enterocolitica.

**NON-FOOD CONTACT SURFACE SANITIZING PERFORMANCE:** This product is an effective one-step sanitizer in 3 minutes at 2 oz. per 4 gal. of 400 ppm hard water (780 ppm active) and 5% soil on hard, non-porous surfaces against: *Staphylococcus aureus*, *Klebsiella aerogenes*.

**FUNGICIDAL PERFORMANCE:** This product kills the following fungi in 10 minutes at 1 oz. per gal. of 400 ppm hard water (1550 ppm active) and 5% soil on hard, non-porous surfaces: *Trichophyton interdigitale* (Athlete's foot fungus) (a cause of Ringworm).

**MILDEWSTATIC PERFORMANCE:** This product controls the following mold at 1 oz. per gal. of 400 ppm hard water (1550 ppm active) and 5% soil on hard, non-porous surfaces for up to 7 days: *Aspergillus niger*.

This product is for use on hard, non-porous surfaces in:

- Kitchens, bathrooms, and other household areas
- Basements, cellars, bedrooms, attics, garages, living rooms, and porches
- · Laundry, washing machines, clothes washing machines
- · Bathrooms, restrooms, shower rooms, shower and bath areas
- Automobiles, cars, trucks, campers, RVs, trailers, boats
- · Commercial florist and flower shops
- · Break rooms
- Farmhouses, barns, sheds, tool sheds, cattle/swine/sheep/horse barns, pens and stalls, swine quarters
- · Equine quarters, hog, cattle and horse operations, livestock farms, farm vehicles

This product when used as directed is formulated to disinfect, clean, sanitize, and deodorize hard, non-porous surfaces such as:

- Countertops, counters, countertop laminates, stovetops, bathroom/kitchen sinks, tub surfaces, shelves, racks, carts, appliances, refrigerators, microwave ovens, dishes, glassware, silverware, cooking utensils, eating utensils, plastic and other non-porous cutting boards, plastic and other hard, non-porous chopping blocks
- · Coolers, ice chests, refrigerator bins used for meat, vegetables, fruit and eggs
- · Floors, finished floors, walls, ceilings, fixtures
- · Glass surfaces, aluminum, brass, copper, laminated surfaces, metal, plated steel, stainless steel, chrome
- Glazed porcelain, glazed restroom tile, glazed restroom ceramic, sealed granite, sealed marble, plastic such as
  polycarbonate, polyvinylchloride, polystyrene or polypropylene, sealed limestone, sealed slate, sealed stone, sealed
  terra cotta, sealed terrazzo
- Enameled surfaces, painted finished woodwork, vinyl and plastic upholstery, washable wallpaper, windows,



mirrors, painted surfaces

- · Hard, non-porous surfaces of picnic tables and outdoor furniture
- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet seats, toilet bowls, toilet bowl surfaces, urinals, portable and chemical toilets and latrine buckets, vanity tops, restroom fixtures, bathroom fixtures, bathroom bowls, basins, tubs
- Tables, chairs, desks, folding tables, bed frames, lifts, washable walls, cabinets, doorknobs, handles, garbage cans/pails, trash barrels, trash cans, trash containers, shelves, racks and carts
- · Automobile interiors, mats, crates, cabs, wheels
- · Kennel runs, cages, kennel/cage floors

#### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Please read entire label and use strictly in accordance with precautionary statements and directions.

Allow surfaces to come to room temperature before treatment with this product.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. This product is not for use on medical device surfaces.

#### **DILUTION TABLE:**

Use	Dilution	Contact Time
For Disinfectant claims	1 oz. / gal. water	10 minutes
For Virucidal* claims	1 oz. / gal. water	10 minutes
For SARS-CoV-2 claims	1 oz. / gal. water	2 minutes
For Animal Virucidal* claims	1 oz. / gal. water	10 minutes
For Non-Food Contact Surface Sanitizing claims at 780 ppm active	2 oz. / 4 gal. water	3 minutes
For Food Contact Surface Sanitizing claims at 200 ppm active	0.5 oz. / 4 gal. water	1 minute
For Fungicidal claims	1 oz. / gal. water	10 minutes
For Mold and Mildew claims	1 oz. / gal. water	Up to 7 Days

#### FOR USE AS A ONE-STEP, GENERAL DISINFECTANT, VIRUCIDE\*, DEODORIZER, CLEANER:

1. Pre-clean visibly soiled areas. 2. To disinfect hard, non-porous, non-food contact surfaces, apply a use solution of 1 - 1.5 oz. of this product per gal. of water (or equivalent use dilution) with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. 3. Treated surfaces must remain visibly wet for 2 minutes to kill SARS-CoV-2 and 10 minutes to kill other organisms listed on the label. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. 5. Prepare a fresh solution daily or when visibly dirty.



#### **BLOODBORNE PATHOGEN INSTRUCTIONS**

\*KILLS HIV, HBV, AND HCV ON PRE-CLEANED HARD, NON-POROUS SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, and HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Wear protective latex gloves, gowns, masks, and eye protection. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product. Disposal of Infectious Materials: Blood and other body fluids, cleaning materials, and clothing must be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal. Contact Time: Allow hard, non-porous surface to remain visibly wet for 2 minutes to kill HIV and for 10 minutes to kill all other viruses and bacteria listed on the label

#### **SANITIZING**

#### FOOD CONTACT SURFACE SANITIZING DIRECTIONS

Prior to application, remove visible food particles and other soil by a pre-flush or pre-scrape and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

**FOOD CONTACT SURFACE SANITIZING DILUTION TABLE:** To prepare a 200, 300 or 400 ppm active solution use the following dilution table. Prepare the correct dilution rate based upon the appropriate use site.

#### FOOD CONTACT SANITIZING DILUTION TABLE

Active solution	1 gal.	4 gal.	10 gal.	20 gal.
200 ppm	0.13 oz.	0.5 oz.	1.3 oz.	2.5 oz.
300 ppm	0.19 oz.	0.75 oz.	1.9 oz.	3.75 oz.
400 ppm	0.25 oz.	1 oz.	2.5 oz.	5 oz.

**FOOD CONTACT SURFACE SANITIZING PERFORMANCE DIRECTIONS:** Immerse pre-cleaned glassware, dishes, silverware, cooking utensils, and other similarly sized food processing equipment in a solution of 0.5 oz. of this product per 4 gal. of water (or equivalent use dilution) for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse.

For articles too large for immersing, apply a use solution of 0.5 oz. of this product per 4 gal. of water (or equivalent use dilution) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Surfaces must remain visibly wet for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse.

Prepare a fresh solution daily or when visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications.



#### SANITIZATION OF INTERIOR HARD, NON-POROUS SURFACES OF REVERSE OSMOSIS (RO) UNITS:

Reverse Osmosis (RO) Units - Sanitization must occur after initial installation, after the system is serviced, and periodically during its use.

- Turn off RO system, drain storage tank, and remove membrane element and pre-filters. Put membrane element
  in a plastic bag so it remains wet. Do not use this product to sanitize the membrane element. Membrane element
  must be sterilized separately.
- 2. Tank must be washed with a compatible detergent and rinsed with potable water before sanitizing. (*Note: Use this direction only if applicable.*)
- 3. Fill empty pre-filter housing with a solution of 0.5 oz. of this product per 4 gal. of water (or equivalent use dilution) and turn on raw water. **Note:** Standard system capacity is 1 2 gal.
- 4. After holding tank is full, let system stand idle for a minimum of 1 minute. Turn off water. Drain holding tank.
- Before the system is put back into service, flush system with potable water to ensure sanitizing solution is rinsed thoroughly from system. Return unit to normal operation. Follow the manufacturer's directions for re-installation of new pre-filters, membrane element, and post filter.

**GLOVE DIP/SPRAY SANITIZER DIRECTIONS:** To reduce cross-contamination on treated surfaces from area to area, dip, soak or spray pre-washed plastic, latex or other synthetic non-porous gloves thoroughly to ensure sanitizing solution covers the exterior surfaces of the gloves prior to usage. For spray applications, use a coarse spray device. Do not breathe spray. Do not let sanitizing solution come into contact with exposed skin. After applying solution, allow gloves to remain visibly wet for at least 1 minute. Let air dry thoroughly before wearing gloves. Do not rinse. Prepare sanitizing solution by adding 0.5 oz. of this product per 4 gal. of water (or equivalent use dilution). Prepare a fresh solution daily or when visibly dirty.

#### NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS

**NON-FOOD CONTACT SURFACE SANITIZING DILUTION TABLE:** To prepare a 400 or 780 ppm active solution use the following dilution table. Prepare the correct dilution rate based upon the appropriate use site.

#### NON-FOOD CONTACT SANITIZING DILUTION TABLE

USE	DILUTION	CONTACT TIME
For Non-Food Contact Surface Sanitizing claims at 400 ppm	1 oz./4 gal. water	5 minutes
For Non-Food Contact Surface Sanitizing claims at 780 ppm	2 oz./4 gal. water	3 minutes

**NON-FOOD CONTACT SURFACE SANITIZING:** Pre-clean visibly soiled surfaces. Add 2 oz. of this product per 4 gal. of water (or equivalent use dilution). Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Treated surfaces must remain visibly wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

#### SANITIZATION OF HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS):

Add 2 oz. of this product per 4 gal. of water. Gently mix for uniform solution. Apply solution to surfaces of the respirator with a sponge, brush, cloth, by immersion, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Thoroughly wet surfaces to be sanitized. Treated surfaces must remain visibly wet for 3 minutes. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.



SHOE/BOOT/ENTRYWAY BATH SANITIZER DIRECTIONS: To reduce cross-contamination on treated surfaces from area to area, shoe baths containing 1 inch of freshly made sanitizing solution must be placed at all entrances to buildings, hatcheries, and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in use solution of 2 oz. of this product per 4 gal. of water, or allow to remain visibly wet for 3 minutes prior to entering area. Prepare a fresh solution daily or when visibly dirty.

#### FUNGICIDAL/MOLD/MILDEW

**TO KILL FUNGI:** Pre-clean visibly soiled surfaces. Prepare use solution by adding 1 oz. of this product per gal. of water (or equivalent dilution). Apply use solution to hard, non-porous surfaces. Allow surface to remain visibly wet for 10 minutes. Wipe surfaces (and let air dry).

**TO CONTROL MOLD/MILDEW:** Pre-clean visibly soiled surfaces. Prepare use solution by adding 1 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces and allow to air dry, which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every 7 days, or more often if new growth appears.

#### **ANIMAL PREMISES**

Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings, and manure from floors, walls, and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE\*: Prepare a use solution of 1 oz. of this product per gal. of water (or equivalent use dilution). Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Treated surfaces must remain visibly wet for 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house animals or employ equipment until treatment has set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, waterers, and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

#### **RESTROOM/BATHROOM**

NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANING DIRECTIONS: Remove visible soil prior to disinfection.

From a Concentrate: Add 0.75 oz. of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet brush, cloth, or sponge. Allow surfaces to remain visibly wet for 10 minutes and flush.

From a Use Solution: Apply a use solution prepared by adding 1 oz. of this product per gal. of water (1550 ppm active) to exposed surfaces above the water line, including under the rim, with a toilet brush, cloth, or sponge. Allow surfaces to remain visibly wet for 10 minutes and flush.

#### **DEODORIZATION/CLEANING**

**FOR USE AS A CLEANER:** Prepare use solution of 1.5 - 3 oz. of this product per 5 gal. of water (or equivalent use dilution) and apply to hard, non-porous surfaces. Allow to air dry. For heavy-duty use, add 3 oz. of this product per 5 gal. of water to clean hard, non-porous surfaces. Rinse with potable water after use on surfaces that come in contact with food.

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**GENERAL DEODORIZATION:** To deodorize, apply 1.5 - 3 oz. of this product per 5 gal. of water (or equivalent use dilution) to hard, non-porous surfaces. Allow to air dry. Rinse with potable water after use on surfaces that come in contact with food.

#### WATER AND SMOKE DAMAGE RESTORATION

CARPETS, CARPET CUSHIONS, UPHOLSTERY, DRAPES AND OTHER POROUS MATERIALS, SUB FLOORS, DRYWALL, TRIM AND FRAME LUMBER, TACKLESS STRIP, AND PANELING: To use as a deodorizer against water damage, extract the excess water. Test hidden area for colorfastness. Dilute 0.5 - 1 oz. of this product per gal. of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a mechanical spray device, hand pump trigger spray device, coarse trigger spray device to fully saturate affected materials. Spray 6 - 8 inches from surface. Do not breathe spray. Roll, brush, or agitate into materials. Follow with a thorough extraction. Dry rapidly and thoroughly. (Not for use in CA.)

**WATER AND SMOKE DAMAGE RESTORATION:** Effective against odor caused by smoke and water damage for home, institutional, industrial, and hospital use. This product is particularly suitable for use in water damage restoration. Dilute 0.5 - 1 oz. of this product per gal. of water, allowing for the diluting effect of absorbed water within saturated materials. Saturate affected materials with enough product to remain visibly wet for at least 10 minutes. Use proper ventilation. (Not for use in CA.)

#### **OTHER USES**

WORK AREAS AND BENCHES, POTS, FLATS, FLOWER BUCKETS, AND CUTTING TOOLS: Pre-clean surfaces. Spray or swab hard, non-porous working surfaces with a solution of 1.5 oz. of this product per 5 gal. of water (or equivalent use dilution) before each work period and again after each plant is completed to help control transfer of diseases such as *Botrytis*, crown rot, downy mildew, *Erwinia* and root rot †. Allow surface to remain visibly wet for 10 minutes. To apply solution with a sprayer, use as a coarse spray only and spray 6 - 8 inches from surface. Do not breathe spray. Wipe up excess liquid or allow to air dry. Prepare a fresh solution daily or when visibly dirty. (†Not for use in CA.)

#### RESIDENTIAL/HOUSEHOLD USE

CLEAN/DISINFECT/DEODORIZE KITCHEN/BATHROOM/HOUSEHOLD HARD, NON-POROUS, NON-FOOD CONTACT SURFACES: Pre-clean visibly soiled areas. Apply a solution of 1 oz. of this product per gal. of water (or equivalent use dilution) to hard, non-porous non-food contact surfaces with a brush, cloth, mop, sponge, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, hold container 6 to 8 inches from surface. Do not breathe spray. For disinfection, treated surfaces must remain visibly wet for 10 minutes. Rinse with potable water after use on surfaces that come in contact with food. Wipe up excess liquid or allow to air dry. Prepare a fresh solution daily or when visibly dirty.

#### SANITIZATION OF EXTERIOR HOUSEHOLD SURFACES DIRECTIONS

**PREPARATION OF USE SOLUTION:** Apply a use solution 2.0 oz. of this product per 4 gal. of water (or equivalent use dilution) to sanitize hard, non-porous exterior surfaces such as vinyl, plastic, sealed concrete, painted or sealed woodwork, and sealed stucco. Surfaces to be treated include house siding, decks, patios, walkways, and driveways. One-half gal. of diluted product will treat 200 - 300 sq. ft. of hard, non-porous surfaces.

**APPLICATION:** Pre-clean visibly soiled areas. Apply solution with a brush, mop, cloth, sponge, mechanical spray device, hand pump trigger spray device, or with a low-pressure (less than 60 psi) airless sprayer so as to wet surfaces thoroughly. For sprayer applications, spray 6 - 8 inches from surface. Do not breathe spray. If using a pressure washer with high-pressure spray to sanitize hard, non-porous surfaces, wear suitable respiratory protective equipment and protective eyewear to control exposure to spray. Treated surfaces must remain visibly wet for 3 minutes.



#### ALGAE TREATMENT (Not for use in CA.)

**BIRD BATHS**: DO NOT use when fish are present. Clean to remove algae growth prior to filling bird bath and spray the exposed surface with a solution of 0.25 oz. (1 Tbsp.) of this product per gal. of water. Allow to air dry and brush off dead algae.

**WALKWAYS**: This product will inhibit the growth of algae on hard, non-porous walkways. For heavy infestations, spray or swab surface with a solution of 1.5 oz. of this product per 5 gal. of water (or equivalent use dilution). Let stand for an hour or more then brush and wash away dead algae. Soak area again with the solution. Do not rinse. Allow to dry on the surface and repeat application when algae growth returns. For sprayer applications, use as a coarse spray only. Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

**GREENHOUSE GLASS**: Spray or swab hard, non-porous surfaces with a solution of 1.5 oz. of this product per 5 gal. of water (or equivalent use dilution). Allow to air dry. Wash off dead algae with water. Spray clean surface again with the solution using a coarse spray only. Do not breathe spray. Do not rinse. Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

HOUSEPLANT AND GARDENING CONTAINERS AND EQUIPMENT: To control algae and cross-contamination in terrariums, bubbles, and other hard, non-porous gardening surfaces, wipe surface with a solution of 1.5 oz. of this product per 5 gal. of water (or equivalent use dilution). Allow surfaces to remain visibly wet for 10 minutes then air dry. Prepare a fresh solution daily or when visibly dirty.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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 HANDLING:** For non-refillable containers equal to or less than 5 gal. Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For non-refillable containers greater than 5 gal. Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ½ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For residential/household use ONLY. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.



#### WARRANTY STATEMENT

CONDITIONS OF SALE AND WARRANTY: Follow the Directions for Use. Southern Agricultural Insecticides, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) SOUTHERN AGRICULTURAL INSECTICIDES, INC. MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND SOUTHERN AGRICULTURAL INSECTICIDES, INC. AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) SOUTHERN AGRICULTURAL INSECTICIDES, INC. AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Southern Agricultural Insecticides, Inc. and the seller offer this product, and the Buyer accepts it, subject to these Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of Southern Agricultural Insecticides, Inc.

