



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 19, 2015

Ms. Georgia Anastasiou
Agent For: BASF Corporation
Lewis & Harrison
122 C Street, N.W.; Suite 505
Washington, DC 20001

Subject: Notification per PRN 98-10 – Minor Edits per Request from the State of California
Product Name: **Aseptrol S10-Tab**
EPA Registration Number: **70060-19**
Application Date: September 18, 2015
Decision Number: 509734

Dear Ms. Anastasiou:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records.

In addition, this letter serves as notice that the current label contains statements and/or images that were inadvertently approved by the Agency during its previous review. Please submit a revised label amendment addressing the inadvertently approved items below within 60 days of receipt of this letter.

- While as are accepting the Product Label as it is in this instance, please know that the next time you amend this labeling you must also submit efficacy data to support the fogging method of application in order to bring this product in accordance with the April 1, 2013 Agency Letter from Dr. Melba Morrow for Fogging and Misting.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, you may contact Killian Swift at 703-308-6346 or via email at Swift.Killian@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller". The signature is written in a cursive style with a large initial "W" and "F".

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

- All text in brackets [XXX] is alternate language that may or may not appear on final label.
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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 the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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 by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling poison control center or doctor, or going for treatment.

For emergency information on product, use, etc., call the National Pesticides Information Hotline at 1-800-858-7378 or 1-800-222-1222.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Wear protective goggles or face shield. Wear coveralls, over long-sleeved shirt and long pants, socks, chemical resistant footwear, and rubber gloves. 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.

Handlers applying in an occupation setting must wear gloves

{When using the fogging method of application, the following statement will be used:}

Harmful if inhaled: Avoid breathing dust or spray mist. People must vacate the premises during fogging treatments; a one-hour restricted entry interval (REI) is required.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms.

{If container size is greater than 50 lbs add the following statement to the above statement:}

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.

Aseptrol S10-Tab

**Disinfectant/ Virucidal*/ Tuberculocidal‡/ Sterilant/
Food-Contact Surface [and Potable Water Tank]
Sanitizer**
Oxidizing Tablets

For Use in Hospitals, Medical, Dental, Industrial, Manufacturing and Institutional Facilities, Ion Exchange Resin Beds, Laboratory Animal Facilities, Clinical and Research Laboratories, Veterinary Hospitals and Clinics and Animal Rearing and Confinement Facilities.

Active Ingredients

Sodium Chlorite..... 20.8%

Sodium Dichloroisocyanurate dihydrate..... 7.0%

Other Ingredients..... 72.2%

Total..... 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See [side] {or} [back] panel for first aid and precautionary statements.

[Use only in accordance with directions and precautions on outer container]

[Not For Individual Sale]

EPA Reg. No. 70060-19

EPA Est. No.

Net Weight:

{Expiration Date:}

Manufactured by:
BASF Corporation
100 Park Avenue
Florham Park, NJ 07932

Patent: 6,699,404

NOTIFICATION

[contains]

70060-19

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:



10/19/2015

[Aseptrol and the Aseptrol logo are registered trademarks of BASF]

[Sodium Chlorite in this product is from Spain]

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Aseptrol S10-Tab is a unique formulation of sodium chlorite that rapidly produces the biocidal agent chlorine dioxide when mixed with water.
 *A 100 ppm use-solution of chlorine dioxide has been shown to be effective against: Vaccinia virus, Human Influenza A virus (Hong Kong), Porcine Respiratory and Reproductive Syndrome virus (PRRSV), Infectious bursal disease virus (IBDV), Marek's disease virus (MDV), Avian Influenza A (H3N2) virus, Porcine circovirus type 2, Canine Parvovirus, Hantavirus, Minute Virus of Mouse (Parvovirus) (MVM-p), Minute Virus of Mouse (Parvovirus) (MVM-i), Mouse Hepatitis Virus (MHV-A59), Mouse Hepatitis Virus (MHV-JHM), Mouse Parvovirus type 1 (MPV-1), Murine Parainfluenza Virus Type 1 (Sendai), Sialodacryoadenitis Virus (Coronavirus) (SDAV), Theiler's Mouse Encephalomyelitis Virus (TMEV), *Corynebacterium bovis*, and *Helicobacter pylori* after 10 minutes of contact and Foot and Mouth Disease Virus after 30 minutes of contact.

A 200 ppm use-solution of chlorine dioxide is a broad spectrum disinfectant effective against *Hepatitis B Virus, *Hepatitis C Virus, *Newcastle Disease virus, *Norovirus, *Human coronavirus, and the following gram negative and gram positive bacteria: *Escherichia coli* O157:H7, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enterica*, and *Bordetella bronchiseptica* after 10 minutes of contact. The 200 ppm use-solution is also effective against *Staphylococcus aureus* (MRSA) and *Enterococcus faecalis* (VRE) after 5 minutes of contact, tuberculocidal† against *Mycobacterium bovis*‡ after 5 minutes of contact at 20°C and *virucidal against *HIV-1 (the virus that causes AIDS) after 1 minute of contact and *Feline Panleukopenia virus, *Pseudorabies, *Transmissible Gastroenteritis virus and *Swine Influenza A Virus after 5 minutes of contact.

A complete list of organisms and treatment conditions are shown in the table below.

Viruses*:	Use-Dilution (ppm)	Time (minutes)
*Minute Virus of Mouse (Parvovirus) (MVM-p) †	100	10
*Minute Virus of Mouse (Parvovirus) (MVM-i) †	100	10
*Mouse Hepatitis Virus (MHV-A59) †	100	10
*Mouse Hepatitis Virus (MHV-JHM) †	100	10
*Murine Parainfluenza Virus Type 1 (Sendai) †	100	10
*Sialodacryoadenitis Virus (Coronavirus) (SDAV) †	100	10
*Theiler's Mouse Encephalomyelitis Virus (TMEV) †	100	10
*Avian Influenza A (H3N2) virus	100	10
*Canine Parvovirus†	100	10
*Feline Panleukopenia virus†	200	5
*Foot & Mouth Disease virus	100 or 200	30
*Hantavirus	100	10
*Hepatitis B Virus	200	10
*Hepatitis C Virus	200	10
*HIV-1	200	1
*Human Coronavirus	200	10
*Infectious bursal disease virus (IBDV)†	100	10
*Influenza A virus (Hong Kong)	100	10
*Marek's disease virus (MDV) †	100	10
*Newcastle Disease virus†	200	5
*Norovirus	200	10
*Porcine circovirus type 2†	100	10
*Transmissible Gastroenteritis Virus	200	5
*Porcine Respiratory and Reproductive Syndrome virus (PRRSV) †	100	10
*Pseudorabies†	200	5
*Swine Influenza A Virus†	200	5
*Vaccinia virus	50 or 100	10
Bacteria (Disinfectant):		
<i>Bordetella bronchiseptica</i>	200	10
<i>Corynebacterium bovis</i>	100	10
<i>Enterococcus faecalis</i> Vancomycin Resistant	200	5
<i>Escherichia coli</i> O157:H7	200	10
<i>Helicobacter pylori</i>	100	10
<i>Mycobacterium bovis</i> ‡	200	5
<i>Pseudomonas aeruginosa</i>	200	10
<i>Salmonella enterica</i>	200	10
<i>Staphylococcus aureus</i>	200	10
<i>Staphylococcus aureus</i> (MRSA)	100 or 200	10
<i>Staphylococcus aureus</i> Methicillin Resistant	200	5
Bacteria (Sanitizer):		
<i>Salmonella enterica</i>	25	1
<i>Listeria monocytogenes</i>	25	1

† = animal viruses
 ‡ = tuberculocidal against *Mycobacterium bovis*

Aseptrol S10-Tabs can be used as a disinfectant/virucide*/tuberculocide† in Hospitals, Medical, Dental, Industrial, Institutional and Manufacturing Facilities, Laboratory Animal Facilities, Clinical and Research Laboratories, Veterinary Clinics and Hospitals, Animal Rearing and Confinement Facilities, Animal Research Facilities and Laboratories, and other institutional/industrial applications that involve the housing of animals.

Aseptrol S10-Tab can also be used as a sterilant in manufacturing facilities, clinical laboratories and Biosafety Level 3 and 4 (BSL-3 and BSL-4) facilities.

*Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus. **Aseptrol S10-Tab** is a broad-spectrum hard surface disinfectant that has been shown to be effective against Influenza A virus (Hong Kong) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

***Aseptrol S10-Tab** has demonstrated effectiveness against Influenza A virus (Hong Kong) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).

DIRECTIONS FOR USE

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

PREPARATION OF USE-SOLUTION:

25 ppm Chlorine Dioxide (for sanitization of hard, nonporous food contact surfaces, including surfaces containing *Salmonella enterica* and *Listeria monocytogenes*).

In a clean plastic pail, place either one (1) 400 mg **Aseptrol S10-Tab** for every quart (liter) of clean, potable water, or one (1) 1.5 gram **Aseptrol S10-Tab** for every gallon of clean potable water or one (1) 6.0 gram **Aseptrol S10-Tab** for every 4 gallons of clean potable water. Or, in a plastic pigmented spray bottle, place either one (1) 400 mg **Aseptrol S10-Tab** for every quart (liter) of clean, potable water, or one (1) 1.5 gram **Aseptrol S10-Tab** for every gallon (4 liters) of clean, potable water or one (1) 6.0 gram **Aseptrol S10-Tab** for every four gallons (15.14 liters) of clean, potable water. Prepare in a well ventilated area. Wait either 5 minutes for the 400 mg tab to completely dissolve, 10 minutes for the 1.5 gram tab and 15 minutes for the 6.0 gram tab to completely dissolve. Once dissolved, this will yield a working solution of **25 ppm** of free chlorine dioxide. Once mixed, this solution should be stored in a tightly covered container and used within 7 days.

100 ppm Chlorine Dioxide (for control of *Foot and Mouth Disease Virus, *Human Influenza A virus (Hong Kong), *Avian Influenza A (H3N2) virus and animal viruses†).

In a clean plastic pail or plastic pigmented 1 gallon bottle, place either four (4) 400 mg **Aseptrol S10-Tabs** for every quart (liter), or one (1) 6.0 gram **Aseptrol S10-Tab** or four (4) 1.5 gram **Aseptrol S10-Tab** for every gallon (4 liters) of clean potable water. {or} In a plastic pigmented spray bottle, place either four (4) 400 mg **Aseptrol S10-Tabs** for every quart (liter) of clean, potable water, or one (1) 1.5 gram **Aseptrol S10-Tab** for every quart (or liter) of clean, potable water.] Prepare in a well ventilated area. Once dissolved, this will yield a working solution of 100 ppm of free chlorine dioxide. Wait either 5 minutes for the 400 mg tabs to completely dissolve, or 10 minutes for the 1.5 gram tab and 15 minutes for the 6 gram tab to completely dissolve. Once mixed, this solution should be stored in a tightly covered container and used within 7 days.

200 ppm Chlorine Dioxide (for disinfection of hard, nonporous surfaces and instruments, and to kill tuberculosis bacteria‡, *Human coronavirus, *HIV-1, *Hepatitis B Virus, *Hepatitis C Virus, *Transmissible Gastroenteritis Virus, *Feline Panleukopenia Virus, *Newcastle Disease virus, *Norovirus, *Pseudorabies, and *Swine Influenza A Virus).

In a clean plastic pail or plastic pigmented 1 gallon bottle, place either two (2) 6.0 gram **Aseptrol S10-Tab** or eight (8) 1.5 gram **Aseptrol S10-Tab** for every gallon (4 liters), or four (4) 400 mg **Aseptrol S10-Tabs** for every pint (or 500 ml) of clean, potable water. Or, in a plastic pigmented spray bottle, place either four (4) 400 mg **Aseptrol S10-Tab** for every pint (500 ml) of clean, potable water, or one (1) 1.5 gram **Aseptrol S10-Tab** for every pint (or 500 ml) of clean, potable water. Prepare in a well ventilated area. Wait either 5 minutes for the 400 mg tabs to completely dissolve, or 10 minutes for the 1.5 gram tab and 15 minutes for the 6 gram tab to completely dissolve. Once dissolved, this will yield a working solution containing 200 ppm of free chlorine dioxide. Once mixed, this solution should be stored in

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1000 ppm Chlorine Dioxide (for surface sterilization).

In a clean plastic pail or plastic pigmented 1 gallon bottle, place eight (8) 6.0 gram Aseptrol S10-Tab for every gallon of clean potable water or eight (8) 1.5 gram Aseptrol S10-Tab for every liter of clean potable water. Or, in a plastic pigmented spray bottle, place one (1) 6.0 gram Aseptrol S10-Tab for every pint (or 500 ml) of clean, potable water. Prepare in a well ventilated area. Wait 15 minutes for the 6 gram tab to completely dissolve. Once dissolved, this will yield a working solution containing 1000 ppm of free chlorine dioxide. Prepare fresh solutions daily.

LABORATORY ANIMAL FACILITIES, ANIMAL REARING FACILITIES AND ANIMAL RESEARCH FACILITIES AND LABORATORIES

Use **Aseptrol S10-Tab** to disinfect and kill tuberculosis bacteria‡, *HIV-1, *Human coronavirus, *Hepatitis B Virus, *Hepatitis C Virus, *Newcastle Disease virus, *Norovirus, *Foot and Mouth Disease Virus, *Human Influenza A virus (Hong Kong), *Avian Influenza A (H3N2) virus and animal viruses† on hard non-porous surfaces such as floors, walls, counters, stainless steel environmental surfaces, bio-safety hoods, sinks, tiles, cages, coops, crates, kennels, instruments and utensils. Preclean surfaces and then apply either a 100 ppm chlorine dioxide solution (for *Human Influenza A virus (Hong Kong), *Avian Influenza A (H3N2) virus and animal viruses†) or 200 ppm chlorine dioxide solution (for disinfection, *HIV-1, *Human coronavirus and TB‡ control). Apply the use-solution with a cloth, mop, sponge or sprayer or by immersion. Treated surfaces must remain wet for 10 minutes (30 minutes for *Foot and Mouth Disease Virus). Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry.

ANIMAL ROOM DISINFECTION DIRECTIONS USING AN ULTRA LOW VOLUME FOGGING DEVICE

Remove all animals and feed from animal room, vehicles and enclosures. Remove all litter from floors, walls and surfaces of the room to be treated. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix two (2) 6 gram **Aseptrol S10-Tab** or eight (8) 1.5 gram **Aseptrol S10-Tab** into one gallon of water making a 200 ppm solution of chlorine dioxide. Place Ultra Low Volume (ULV) fogger in center of room or insert the nozzle of the fogger through a suitable opening into the room. With the Flow Rate setting in HIGH output, apply fog for 15 minutes for each 3000 cubic feet of space in the room, thorough wetting of all surfaces is required.

NOTE: The fog generated is irritating to the eyes, skin and mucous membranes. Do not allow people to enter treated room until [ten air exchanges] [2 hours of mechanical ventilation (i.e., fans)] [4 hours of passive ventilation (i.e., windows, vents)] [11 hours of no ventilation followed by 1 hour of mechanical ventilation (i.e., fans)] [11 hours of no ventilation followed by 2 hours of passive ventilation (i.e., windows, vents)] [24 hours of no ventilation]. If the building must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

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

a tightly covered container and used within 7 days.

INSTITUTIONAL AND INDUSTRIAL FACILITIES

Use **Aseptrol S10-Tab** to disinfect pre-cleaned surfaces in institutional and industrial facilities such as office buildings, food-processing plants, schools, hotels and motels, recreational facilities, recreational centers, institutional kitchens, supermarkets, grocery stores, boats, public facilities and military installations. Apply a 200 ppm chlorine dioxide use-solution to hard, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or sprayer or by immersion. Treated surfaces must remain wet for 10 minutes (30 minutes for *Foot and Mouth Disease Virus). Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry. A potable water rinse is required for any surface that may come into contact with food.

HEALTH-CARE and VETERINARY FACILITIES

Use **Aseptrol S10-Tab** to disinfect pre-cleaned surfaces and to decontaminate instruments in hospitals, medical and dental offices, veterinary offices, veterinary clinics, veterinary hospitals and related facilities. Apply a 200 ppm chlorine dioxide use-solution to hard, non-porous surfaces and/or instruments thoroughly wetting surfaces with a cloth, mop, sponge or sprayer or by immersion. Treated surfaces must remain wet for 10 minutes (30 minutes for Foot and Mouth Disease Virus). Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry. The 200 ppm chlorine dioxide use-solution is effective against gram negative and gram positive bacteria, HIV-1, *Human coronavirus, *Hepatitis B Virus, *Hepatitis C Virus, *Newcastle Disease virus, Norovirus, *Foot and Mouth Disease Virus, *Human Influenza A virus (Hong Kong), *Avian Influenza A (H3N2) virus, animal viruses† and tuberculosis bacteria‡.

This product is not be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to decontaminate precleaned critical or semi-critical medical devices prior to sterilization or high-level disinfection.

FOOD-CONTACT SURFACE SANITIZER

Use **Aseptrol S10-Tab** to sanitize hard, nonporous food-contact surfaces and utensils (such as food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard surfaces) in food processing plants, breweries, bottling plants, restaurants and other food-handling establishments.

Prior to application, remove gross food particles and soil by a pre-flush, or pre-scrape and, when necessary, pre-soak. Then thoroughly wash or flush surfaces with a good detergent or compatible cleaner followed by a potable water rinse before application of the sanitizer solution. Apply a use-solution of 25 ppm chlorine dioxide to pre-cleaned hard surfaces thoroughly wetting surfaces with a cloth, mop, sponge, coarse sprayer or by immersion. Surfaces must remain wet for at least 60 seconds and then followed by adequate draining and air drying. Do not rinse.

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POTABLE WATER TANK SANITIZER ABOARD AIRCRAFT, BOATS AND [RECREATIONAL VEHICLES] {or} [RV's]

Use **Aseptrol S-10 Tab** to sanitize potable water tanks. Prior to sanitizing, empty potable water tank and fill with clean water.

Preparation of Use-Solution: Prepare in well ventilated area. For every 30 gallons of tank capacity place 71 grams **Aseptrol S-10 Tab** (1 packet) in a clean plastic pail and dissolve with one gallon of clean water. Wait 10 - 15 minutes for the **Aseptrol S-10 Tab** to completely dissolve. Once added to tank this will yield a working solution of 50 ppm free chlorine dioxide.

Add prepared use-solution to the tank and allow to soak at least 60 seconds. Empty tank and flush with clean water to rinse.

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

that involve healthcare settings, or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects soiled with blood or body fluids can be associated with the transmission of HIV-1, HBV and HCV. **Aseptrol S10-Tab** destroys HIV-1, HBV and HCV on pre-cleaned environmental surfaces/objects previously soiled with blood or other body fluids at 200 ppm and 1 minute contact (10 minutes for HBV and HCV).

PERSONAL PROTECTION: The worker should wear disposable latex gloves, gown, mask and eye protection to prevent contamination from soiled items.

CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of **Aseptrol S10-Tab** solution.

CONTACT TIME: Allow **Aseptrol S10-Tab** solution to contact treated items for 1 minute (10 minutes for HBV and HCV). A contact time of 1 minute will not control other common types of viruses and bacteria.

DISPOSAL OF INFECTIOUS MATERIALS: Any blood and other body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

SPECIAL INSTRUCTIONS FOR CLEANING AND DISINFECTING AREAS WHICH MAY BE INFESTED WITH HANTAVIRUS

Infection with Hantavirus occurs by inhalation of infectious materials. Persons involved in the clean-up must wear coveralls (disposable, if possible), rubber boots or disposable shoe covers, rubber or plastic gloves, protective goggles, and an appropriate respiratory protection device, such as a half-mask air-purifying (or negative-pressure) respirator with a high-efficiency particulate air (HEPA) filter or a powered air-purifying respirator (PAPR) with HEPA filters.

All potential infective waste material (including respirator filters) from clean-up operations that cannot be burned or deep buried on site must be double bagged in appropriate plastic bags. The bagged material must then be labeled as infectious (if it is to be transported) and disposed of in accordance with local requirements for infectious waste.

Rodent dropping and visible dust may be reservoirs for Hantavirus. If you are cleaning out a building that has been closed up, such as a cabin, shed, or garage:

- A. Air out building for at least 30 minutes by opening windows and doors.
- B. Leave the building while it is airing out.
- C. Do not vacuum, sweep or dust. This may spread the virus through the air.
- D. Thoroughly wet the contaminated areas with **Aseptrol S10-Tab** and allow to stand undisturbed for 10 minutes.
- E. Carefully remove non-salvageable contaminated material and dispose by burial or burning. Contact your local and state health department for additional disposal methods.
- F. Treat the surface again following the label directions and allow to stand undisturbed for 10 minutes.

For additional guidance visit CDC website at www.cdc.gov/hantavirus.

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SURFACE STERILIZATION

Use Aseptrol S10-Tab where sterility conditions are critical for optimum performance, such as manufacturing and laboratory equipment, and in areas where sterilization is required, such as Level 3 and 4 Biosafety Level (BSL-3 and BSL-4) facilities. Use **Aseptrol S10-Tab** on hard, non-porous surfaces such as plastics (polystyrene, polypropylene, polyvinyl chlorides, polyesters) stainless steel, sealed fiberglass, glazed ceramic, metal or glass. Do not use **Aseptrol S10-Tab** as a terminal high-level disinfectant or sterilant on any critical/semi-critical medical device or instrument. Prior to use, thoroughly pre-clean surface to be sterilized. This can be accomplished by rinsing with purified water, mechanical action or by detergent cleaning followed by a water rinse. Pre-cleaned surfaces may be allowed to air dry or may be towel dried but do not dry surfaces using dry heat. Prepare a 1000 ppm use-solution of chlorine dioxide by following the instructions under "Preparation of Use Solution" on this label. Apply the 1000 ppm chlorine dioxide use-solution by either thoroughly soaking the target surface or by immersion. All target surfaces must be exposed to treatment solution for at least 1 hour. Allow to air dry.

For Use in Controlling Odor-Causing Microorganisms In Residential and Industrial Ion Exchange Resins Beds During Regeneration

Use Instructions:

1. Close inlet and outlet water valves to prefilter housing or tablet doser housing.
 2. Remove bowl from either the prefilter housing or the tablet doser housing.
 3. Empty water from bowl.
 4. For each cubic foot of Ion Exchange Resin, add 6 grams (0.21 oz.) of **Aseptrol S10-Tab** to the bowl.
 5. Replace bowl on housing and open water valves.
 6. Proceed with normal regeneration cycle.
- Or**
1. Remove the cover from the brine tank.
 2. For each cubic foot of Ion Exchange Resin, add 6 grams (0.21 oz.) of **Aseptrol S10-Tab** to the brine well of the brine tank.
 3. Do not place **Aseptrol S10-Tab** onto dry salt – **MUST BE PLACED IN LIQUID ONLY.**
 4. Cover brine tank and proceed with normal regeneration cycle.

STORAGE AND DISPOSAL

This product is toxic to fish and aquatic organisms. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration and in an area inaccessible to children.

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 DISPOSAL: Non-refillable [container] [pouch] [blister pack] [packet]. Do not reuse or refill this [container] [pouch] [blister pack] [packet]. Offer for recycling, if available. If recycling is not available, dispose [empty pouch] [blister pack] [container] in sanitary landfill or by incineration.