



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 8, 2017

Tony Herber  
Agent for  
SteriMed Medical Waste Solutions, Inc.  
23065 Commerce Dr.  
Farmington Hills, MD 48335

Subject: Label Amendment – Revision of precautionary statements  
Product Name: SterCid  
EPA Registration Number: 71814-1  
Application Date: November 4, 2016  
Decision Number: 523811

Dear Mr. Herber:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tara Flint at [flint.tara@epa.gov](mailto:flint.tara@epa.gov) or Eric Miederhoff at [Miederhoff@epa.gov](mailto:Miederhoff@epa.gov).

Sincerely,



Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

02/08/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 71814-1

**FIRST AID**



Validity Code: XXXXXXXX

<b>ACTIVE INGREDIENTS:</b>	
Didecyl dimethyl ammonium chloride .....	7.80%
Alkyl (50%C <sub>14</sub> , 40%C <sub>12</sub> , 10%C <sub>16</sub> ) dimethylbenzyl ammonium chloride .....	17.08%
Glutaraldehyde .....	10.72%
<b>OTHER INGREDIENTS:</b> .....	64.42%
<b>TOTAL:</b>	<b>100.00%</b>

FOR USE ONLY WITH **SteriMed** EQUIPMENT FOR THE TREATMENT OF MEDICAL WASTE

EPA Reg. No. 71814-1

EPA Est. No. 71355-BEL-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Wear goggles or eye protection, a NIOSH approved respirator with an organic vapor (OV) cartridge with a combination N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved gas mask with a canister with NIOSH approval number prefix TC-14G; or a powered air purifying respirator with organic vapor (OV) cartridge and combination HE filter with NIOSH approval number prefix TC-23C, wear rubber gloves, and protective clothing when handling the product and when cleaning, inspecting, or maintaining the system where skin contact or contamination is possible. Wash thoroughly with soap and water after handling, and before eating, chewing gum, drinking, using tobacco, or using the bathroom. Remove contaminated clothing and wash before reuse. Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations.

<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eyelids open, then rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 9-1-1 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center, doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage. Aspiration may cause lung damage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.	

Distributed by:

**SteriMed Medical Waste Solutions, Inc.**  
**23065 Commerce Dr.**  
**Farmington Hills, MI 48335**  
**(248) 469-8780**  
[www.sterimedsystems.com](http://www.sterimedsystems.com)

EPA Reg. No. 71814-1

EPA Est. No. 71355-BEL-1

**Net Contents: {to be inserted on container label}**

### ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, 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 sewer treatment plant authority or verifying that the effluent complies with the local sewage discharge ordinance. For guidance contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use SteriCid only with the SteriMed line of medical waste processors. Use this container of **SteriCid only** with the *SteriMed System 70 (SteriMed-1)* and/or *SteriMed System 15 (Junior)* to treat medical waste in hospitals, medical/surgical/dental clinics, laboratories, biomedical research facilities, nursing homes, blood banks, and dialysis clinics.

#### 5 Liters & 10 Liters Containers

**For Use With *SteriMed System 70 (SteriMed-1)*:** Open the top of the SteriMed System 70 (SteriMed-1). Take one sealed SteriCid container and place it on the chemical container holding tray which is designed to hold the SteriCid container. Container opening must be directed into the chemical holding tank such that the threaded type cap is aligned with the hold in the deck. Open the SteriCid container and allow it to drain slowly into the System 70 (SteriMed-1) chemical holding tank. Leave the chemical container in this position and close the lid on the System 70 (SteriMed-1). Then insert the medical waste and begin operation of the System 70 (SteriMed-1). The SteriMed System 70 (SteriMed-1) automatically dispenses 175 cc (ml) of SteriCid per treatment. One 5 L container of SteriCid is effective for 28 separate treatments. One 10 L container of SteriCid is effective for 56 separate treatments. The empty SteriCid container is replaced only when required to refill the System 70 (SteriMed-1).

**For Use With *SteriMed System 15 (Junior)*:** Open the chemical holding tank cover located at the left side of the front panel of the SteriMed System 15 (Junior). Open and remove the threaded type cap from the SteriCid container and replace it with the special funnel filler supplied with the unit. Insert the funnel filler into the opening of the chemical tank and tilt the container up to allow flow of the chemicals

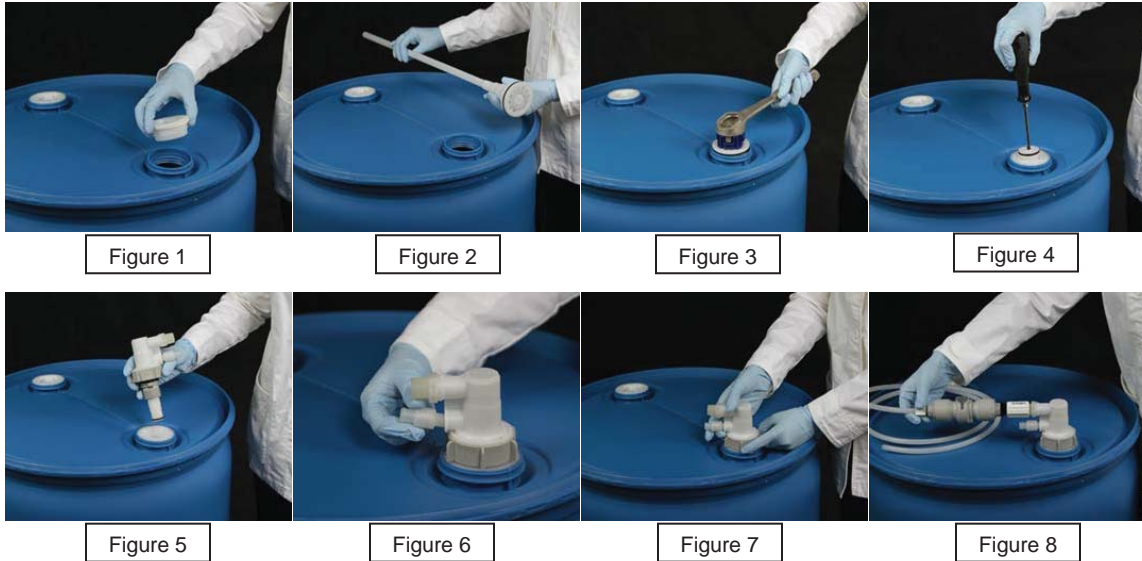
into the tank. Upon completion, remove the special funnel filler and wash thoroughly with running water. Place the empty chemical container into the treatment chamber to be shredded and disposed with the next treatment cycle. The SteriMed System 15 (Junior) automatically dispenses 35 cc (ml) of SterCid per treatment. One 5 L container of SterCid is effective for 142 separate treatments. One 10 L container of SterCid is effective for 284 treatments.

#### **55 Gallon Drum**

**For Use Only With SteriMed System 70 (SteriMed-1):**

**Storage and Use Location: Place this 55 gallon drum not more than 15 horizontal feet away from the System70 equipment and not greater than 10 feet below the System 70.**

- Using an OSHA approved drum dolly, locate the drum in a room that will not freeze or which exceeds 50°C, and which meets the distance criteria set forth Storage and Use Location directions as set forth in this label.
- Place the drum on a spill containment pallet (SteriMed recommended, not required by law).
- Remove the standard shipping plug from the drum (See Figure 1).
- Insert dip tube assembly into the shipping plug (See Figure 2).
- Tighten the dip tube assembly by turning the assembly clockwise (CW) using a standard drum wrench. (See Figure 3).
- Turn shipping plug counterclockwise (CCW) to remove. (Use a large, flat blade or #4 Phillips screwdriver). (See Figure 4).
- Insert quick disconnect chemical supply coupler into dip tube insert assembly. Note: there are two connection ports on the coupler. The top port is the SterCid disinfectant chemical flow port and the lower port is the SterCid vapor management port. (See Figure 5).
- Verify that the vapor management port has a check valve installed (Contact SteriMed for this part if valve is missing). (See Figure 6).
- Turn the coupler locking ring clockwise until tight (approximately 2 full turns). (See Figure 7).
- Connect 3/8" chemical line from System 70 (SteriMed-1) chemical dispensing pump inlet to the DrumQuik connector using a maximum length of approximately 15 feet of 3/8" chemical line from the DrumQuik and any necessary adapters to fit the conditions of the installing facility. (See Figure 8).
- Remove any trapped air from the chemical supply line between the drum and System 70 by purging the system.



Load the untreated medical waste into the waste receiver for the *System 70* and begin operation of the *System 70 (SteriMed-1)*. One 55 gallon drum of *SteriMed-1* is effective for 1,189 separate treatments, automatically dispensing 175 cc (ml) of *SteriMed-1* per treatment. The empty *SteriMed-1* drum is replaced only when required.

**STORAGE**

Do not contaminate water, food, or feed by storage, disposal, or use of this product. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Chemically treated medical wastes must be disposed of according to Federal, State, and local regulations.

**Pesticide Storage:**

Keep this product in a cool, dry area, well-ventilated area under protected storage, which is sufficient enough to make it inaccessible to children and persons unfamiliar with its proper use. Keep at room temperature to protect from freezing at 0°C and not exceeding 50°C. OSHA mandates that drums containing hazardous materials be labeled as a hazard with distinct warning labels that must be displayed until the drum is emptied, cleaned, or completely removed.

## **DISPOSAL**

### **Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA regional Office for guidance.

### **5 Liters & 10 Liters Containers**

#### **Container Disposal:**

The 5 L and 10 L SterCid containers are non-refillable. No rinsing of these container sizes of containers is required (i.e. dilution is not an appropriate means of disposal). Do not reuse empty container and store only in the original container. If burned, stay out of smoke. If empty or used, SterCid container may be disposed of using either of the SteriMed Systems in the same manner used for treating medical waste containers. If not shredded by a SteriMed System, the empty container may be offered for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **55 Gallon Drum**

#### **Container Disposal:**

The disposal a 55 gallon drum container used for pesticide should conform and comply with the appropriate State Regulations and local mandates on pesticide container disposal.

#### **Non-Refillable Container:**

Do not reuse empty drum. Empty drums may only be disposed of as non-hazardous solid waste, if they meet certain conditions. An empty drum may be managed as a non-hazardous waste under the federal rule 40 Code of Federal Regulations section 261.7. This drum is not considered empty unless contains less than 3 % (1.5 gallons) or until all pourable liquid residue no longer pours when the drum is inverted.

However, the SterCid must be removed to the best of the generators ability through pumping, pouring, and aspirating. The drum may then be deemed and labeled "empty". Triple rinse with a liquid capable of dissolving the pesticide that the containers held or by another method which is proven to achieve equivalent removal. Then container must be punctured, shredded, crushed, or otherwise changed so as to prevent subsequent use or reuse. In accordance with the overriding State Regulations, "empty" containers may then be disposed of, recycled, reclaimed, reconditioned, reused per the



appropriate regulations, or disposed of in a sanitary landfill provided that the chosen disposal method complies with State and local regulations.

#### **SPILL MANAGEMENT**

In the event of a chemical spill or serious leakage of SterCid contact the hotline number below. SteriMed Medical Waste Solutions, Inc. is registered with INFOTRAC, so the hotlines are available to provide hazmat response services in the occurrence of any major spills. SterCid is registered with INFOTRAC Emergency Response hotline is a 24-hour emergency response telephone number required by the US Department of Transportation (DOT) in 49 CFR 172.604.

#### **In case of Emergency Spill, Contact INFOTRAC: The Hazmat Solution Company**

Emergency Response Hotline  
1-800-535-5053 (U.S.A. & Canada)  
1-352-323-3500 (International)  
Customer I.D. for reference: 91933

#### **NOTICE OF WARRANTY**

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage, or handling of this product in a manner other than as directed by label instructions; nor does any warranty extend to use under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty. REV11142012

**UN 1760 Corrosive liquid, n.o.s. (benzalkoniumchloride, glutaraldehyde solution), Class 8.III**