

3090-165

6/15/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 15 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Stewart E. Klein
Sanitized, Inc
PO Box 2211
57 New Milford Turnpike
New Preston, CT 06777

Subject: SANITIZED brand T 96-21
EPA Registration No.: 3090-165
Application Date: 05/11/2011
Receipt Date: 05/11/2011

Dear Mr. Klein:

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with conditions.

Proposed Amendment

- Revised Storage and Disposal statements

Conditions

Revise the label as follows

- 1) Delete the term "only" in the statement below the brand name because the Agency cannot enforce that this product is only for industries. You may say "Intended for Industrial Use."
- 2) Add to next to last sentence in the Precautionary Statements to read:

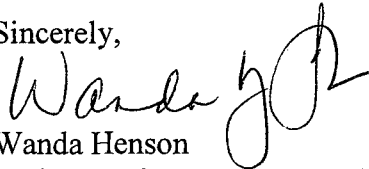
"Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet."
- 3) Since this product has a signal word "Caution," the first statement of pesticide disposal must read: "Pesticide wastes may be hazardous."
- 4) As per PR Notice 2000-5, Mandatory Labeling, revise the following

- a. the 2nd sentence in the Technical Bulletin by deleting the term “is recommended” and replace with “can be used.”
 - b. delete the term “recommended for used” in the 3rd sentence in the same paragraph as in (a) and replace with “used.”
 - c. Revise the last sentence of the first paragraph in the application information to read:
 “For optimum absorption of Sanitized Brand T 96-21, ensure that the fabric pH is 5.0.”
 - d. Delete the term “is recommended for” right before Continuous operations and state “offers.”
- 5) Delete the third bulletin on page 1 of the Technical Bulletin, “is safe for use on fabric in contact with human skin.” This is a safety claim that’s false and misleading.

General Comments

A stamped label with conditions is enclosed for your records. Submit three (3) copies of the final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6345 or by e-mail at henson.wanda@epa.gov or Jaclyn Carl by telephone at (703) 347-0213 or by e-mail at carl.jaclyn@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

 Wanda Henson
 Acting Product Manager (32)
 Regulatory Management Branch II
 Antimicrobials Division (7510P)



A broad spectrum bacteriostatic, fungistatic and deodorizing agent for controlling odors on and deterioration and discoloration of textiles, paper and leather caused by microbial growth in the presence of moisture.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited

STORAGE INSTRUCTIONS

Store in original containers and place in locked storage area. Keep from freezing. Moisture sensitive. Keep container closed until ready for use and after use.

SPILL OR LEAK PROCEDURES

Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

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

Nonrefillable container. Do not reuse or refill this container. Offer recycling if available. Triple rinse (or equivalent) promptly after emptying.

DIRECTIONS FOR USE

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

Using conventional methods of application (pad, jig, dyeback), deposit 1.0 % (as received) based on the weight of material being treated.

- Do not use in the manufacture or treatment of items that may come in contact with food.
- Use only under an agreement with Sanitized Inc, New Preston, CT.
- Do not use for the production of baby diapers or fibers for the production of baby diapers.
- Do not use for the production of health care products or products intended to decrease the transmission of disease (items regulated by the Food & Drug Administration)
- Finished products incorporating the above product may not make claims of antimicrobial activity that exceed what is permitted in PR Notice 2000-1

SANITIZED®* BRAND T96-21

FOR INDUSTRIAL USE ONLY

SANITIZED® is the registered trademark/brandname of Sanitized Inc. for its BACTERIOSTATIC Chemicals
*This product is not registered for use as a sanitizer.

A BACTERIOSTATIC TREATMENT THAT CONTROLS ODORS ON AND DETERIORATION AND DISCOLORATION OF FOR TEXTILES, PAPER AND LEATHER CAUSED BY MICROBIAL GROWTH IN THE PRESENCE OF MOISTURE.

ACTIVE INGREDIENT:

5-chloro-2-(2,4-dichlorophenoxy) phenol.....	10.0%
INERT INGREDIENTS.....	90.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

Have the product container or label with you when calling a poison control center or doctor, or going to 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 five 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 ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Call 860-868-9491 for additional medical advice.

Manufactured by
SANITIZED INC.
PO BOX 2211
NEW PRESTON, CT 06777
(860) 868-9491

NET CONTENTS: Lbs/ Kgs.

EPA Reg. No. 3090-165 EPA Est. No. 3090-CT-1

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JUN 15 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 3090-165

3096

TECHNICAL BULLETIN

Antimicrobial Agent

Sanitized[®] Brand T 96-21

FUNCTION

Sanitized Brand T 96-21 is a formulated product designed to provide bacteriostatic protection for all textiles, including textiles in contact with human skin. This product is recommended for both natural and synthetic fibers, and it can be applied to fabric by exhaust and continuous processes. **Sanitized Brand T 96-21** can be recommended for use in apparel, active wear, hosiery, towels, and undergarments.

FEATURES

Sanitized Brand T 96-21:

- Prevents development of microbially caused odors.
- Exhibits good to excellent wash fastness.
- Is safe for use on fabric in contact with human skin.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to yellow liquid
Chemical description:	Halogenated phenoxy compound
Ionic character:	Nonionic
Specific gravity (g/cc; 20° C):	1.06 – 1.11
pH (5 %):	6.3 – 8.3
Dilutability:	Easily dilutable
Compatibility:	
nonionics:	Good
anionics:	Good
cationics:	Good
acids:	Good
bases:	Avoid strong bases
hardness:	Good
Storage stability:	One year in unopened containers. Do not store below 40° F and above 120° F.

APPLICATION INFORMATION

Prior to application, the fabric to be treated must be clean (desized, scoured, and/or bleached) and free of active chlorine-containing materials (e.g., chlorine bleaches). The fabric pH should be about 5.0 for optimum adsorption of **Sanitized Brand T 96-21**.

Typically,

0.7 – 1.0 % of **Sanitized Brand T 96-21**

on dry weight of fabric is recommended for best results.

Continuous operations (for all fiber types-natural and synthetic)

1. Prepare bath with 7 – 10 g/l of **Sanitized Brand T 96-21** (assumes 100% pick-up on dry fabric).
2. Adjust bath to pH = 5.0 with acetic acid and heat to 40°C (104°F). A wetting agent may be used if necessary. Many softeners, lubricants, and other finishing chemicals are compatible with this product and can be added to the pad bath.
3. Pad, then dry at 115 - 120°C (240 – 250°F). Polyester can be heat set at 180°C (356°F) for 30 seconds. **Heat setting at higher temperatures must be evaluated.**

Exhaust operations (LR = 10:1 - **Do not use liquor ratios greater than 10:1**) Foaming can be a problem in some applications.

Application of **Sanitized Brand T 96-21** needs to be done **after** bleaching.

1. Set bath to pH = 5.0 with acetic acid and heat to 60°C (140°F).
2. Add 0.7 – 1.0 % **Sanitized Brand T 96-21** based on dry weight of goods. Dilute prior to addition by adding slowly to water with stirring.
3. For cellulosic and natural fibers, treat at 60°C (140°F) 10 – 15 minutes.
For polyester (after dyeing and clearing), treat at 60°C (140°F) for 10 minutes. Heat to 100°C (212°F) and hold for 20 - 30 minutes.
4. After treatment, drop bath at 60°C (140°F), extract, and dry at 115 – 120°C (240 – 250°F).

For polyester and nylon, **Sanitized Brand T 96-21** can also be applied in the dyebath.

1. Prepare fabric according to your normal procedure.
2. Pre-dilute and add **Sanitized Brand T 96-21** to the dyebath along with the dyestuffs.
3. Adjust the dyebath pH to 5.0 or lower for optimum adsorption of **Sanitized Brand T 96-21**.
4. Heat to dyeing temperature according to your normal procedure.

Reduction clearing of polyester under alkaline conditions can affect the performance of Sanitized Brand T 96-21. Therefore, it is important to optimize process conditions.

All information, data and opinions provided to you by or on behalf of Sanitized, Inc. are provided without representation or warranty with respect to accuracy or completeness.