

5741-24

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

JAN 28 2010

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Ronald T. Cook
Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537

Subject: PSQ Disinfectant Cleaner
EPA Registration Number: 5741-24
Application Date: October 26, 2009
Receipt Date: October 29, 2009

Dear Mr. Cook:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide (FIFRA), as amended, is acceptable with conditions listed below.

Proposed Amendment:

Label revisions per PR Notice 2007-4 and other minor formatting revisions.

Conditions

Revise the label as follows:

- 1.) Revise the claim "For Institutional and Industrial Only" on page 1 to read "*For Institutional, and Industrial Use.*"
- 2.) The last statement under "Note" on page 2 must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, should, and stating "*must*".
- 3.) The nomenclature for Herpes simplex Type 1 and Influenza A₂ is incomplete on pages 2. You need to indicate that the microorganisms are viruses by stating "*Herpes Simplex Virus Type 1 and Influenza A₂ Virus.*"
- 4.) The "Personal Protection" statement under HIV directions on page 3 must be brought into compliance with PR Notice 2000-5, Mandatory Language, by deleting the term, should, and stating "*must.*"
- 5.) Revise the 9th statement under the "Precautionary Statements" on page 3 to read "Wash thoroughly with soap and water after handling ~~any surfaces~~ *handling, drinking, smoking tobacco, chewing* gum or using the toilet."

SYMBOL	gum or using the toilet."						
SURNAME							
DATE							

6.) Revise the first statement under Environmental Hazards section on page 3 to be in agreement with the ADBAC RED by adding the statement, "This product is toxic to fish and aquatic invertebrates."

7.) The Agency has concerns regarding the Container Rule rinsate statement for public health products. We are concerned that the efficacy will be compromised if the rinsate is poured into the application equipment and used to disinfect hard surfaces. Therefore, revise the "Container Disposal" instructions to read as follows:

(5 gallons or less)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Fill 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 procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(5 gallons or more)

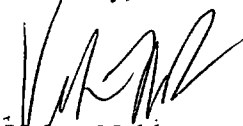
Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

General Comments:

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

Should you have further questions concerning this letter, please contact me by telephone at (703) 308-6416 or by e-mail at Campbell-mcfarlane.jacqueline@epa.gov or Velma Noble by telephone at (703) 308-6233 or by email at noble.velma@epa.gov.

Sincerely,



Velma Noble
 Product Manager (Team 31)
 Regulatory Management Branch I
 Antimicrobials Division (7510P)

CONCURRENCES							
SYMBOL	Enclosure: Stamped label						
SURNAME							
DATE							

Back Label Copy:

CONSUME ECO-LYZER
Neutral Disinfectant Cleaner with Residual Biological Odor Control

Consume Eco-lyzer is a dilutable neutral disinfectant cleaner with enzyme-producing bacteria for the extended control of malodors.

Consume Eco-Lyzer is for use as a disinfectant, cleaner, and deodorizer on hard, non-porous, inanimate surfaces in office buildings, airports, hotels, motels, schools, colleges, veterinary clinics, zoos, animal life science laboratories, pet shops, kennels and grooming establishments. A one-step labor saver for restrooms, locker rooms, loading docks, dumpsters, kitchens, cafeterias, kennels and other areas where persistent malodors are a problem. Consume Eco-Lyzer is for use on hard, non-porous, inanimate surfaces such as floors and walls made of quarry tile, concrete, terrazzo, vinyl composition floor tile, metal (such as steel & stainless steel), glazed porcelain and plastic (such as polypropylene & polystyrene), etc.

NOTE: Consume Eco-Lyzer contains viable bacterial cultures. Do not use this product on food contact surfaces in preparation or storage areas to eliminate possible food contamination and spoilage. The bacteria in this product may cause infection if introduced into an open wound in sufficient quantity. Do not use in patient healthcare areas. To avoid cross contamination, this product should be diluted and/or applied only in equipment dedicated or restricted to products containing viable bacterial cultures.

At use-dilution, Consume Eco-Lyzer provides 850 ppms of quaternary germicide and is effective against the following pathogenic and odor-causing bacteria, according to the AOAC Use Dilution test method in the presence of 200 ppm synthetic hard water (calculated as CaCO₃) plus 5% blood serum: *Proteus vulgaris*, *Pseudomonas putrefaciens*, *Serratia odorifera*, *Staphylococcus aureus* and *Salmonella enterica*. Consume Eco-Lyzer is also virucidal* and has been proven effective against HIV-1 (AIDS Virus), Herpes simplex Type 1 and Influenza A₂ on hard nonporous inanimate surfaces.

In addition to its disinfectant activity, Consume Eco-Lyzer offers biological odor control through enzymatic degradation of trapped organic soils. Each ounce of Consume Eco-Lyzer provides a multiple species blend of 4 billion bacteria chosen specifically for their ability to produce enzymes which attack and degrade common organic soils such as proteins, starches, carbohydrates, fats, greases and even urea (the principal component of urine) without the generation of nuisance odors.

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DIRECTIONS FOR USE:

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

General Purpose Cleaning and Deodorizing:

For pre-cleaning or degreasing of heavily soiled surfaces, dilute Consume Eco-Lyzer from 2 oz. per gallon to 6 oz. per gallon of water depending on the soil load. Apply the product with a cloth, mop, sponge, or by coarse foaming. Scrub surface. Rinse with water or allow to air dry.

General Purpose Disinfection:

Remove gross filth and heavy soil deposits before disinfection. Prepare use-solution of Consume Eco-Lyzer at 2 oz. per gallon of water. Thoroughly saturate surfaces for 10 minutes using a cloth, mop, sponge or coarse foamer. For virucidal* activity, a 5 minute contact is adequate. Rinse with water or allow to air dry. Prepare fresh use-solution for each use, then discard.

Virucidal* Disinfection of Hard Nonporous Inanimate Surfaces:

Remove gross filth and heavy soil deposits before disinfection. Prepare use-solution of Consume Eco-Lyzer at 2 oz. per gallon of water. Thoroughly saturate surfaces for 5 minutes using a cloth, mop, sponge or coarse foamer. Rinse with water or allow to air dry. Prepare fresh use-solution for each use, then discard. Use a 10 minute contact time for the bacteria claimed on this label.

***KILLS HIV ON PRE-CLEANED ENVIRONMENTAL 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 inanimate 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) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES OR OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

PERSONAL PROTECTION: Exposure to blood or body fluids should be avoided by use of barrier protection such as latex or other impervious gloves. Face shields and impervious gowns should also be worn if splashing of blood or body fluids may occur.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

CONTACT TIME: Leave surfaces wet for 5 minutes. Use a 10 minute contact time for the bacteria claimed on this label.

DISPOSAL OF INFECTIOUS MATERIAL: Contaminated cleaning materials, blood and other body fluids should be autoclaved and/or disposed of according to local regulations for infectious waste disposal.

Do not use this product on food contact surfaces in preparation or storage areas. Do not use on utensils, dishes, or glasses.

Veterinary Practice / Animal Care / Zoos / Pet Shops / Kennels

Disinfection Directions:

Do not use on equipment or containers used for animal food or water.

For cleaning and disinfecting the following hard nonporous surfaces: floors, walls, cages, kennels, stables, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, cages, kennels, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or transversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 2 oz. Consume Eco-Lyzer per gallon of water for a period of 10 minutes. Rinse with water or allow to air dry. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through the skin. May be fatal if inhaled. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Wear protective eye wear (goggles/face shield/safety glasses), rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Use-Dilution Precautions: Harmful if inhaled. Avoid breathing vapor and spray mist. Remove contaminated clothing and wash clothing before reuse. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles /face shield / safety glasses). Wash thoroughly with soap and water after handling.

(NOTE TO EPA: The following text will be used on containers of five gallons and larger only)

ENVIRONMENTAL HAZARDS

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

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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: 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 inhaled: Move person to fresh air. If a person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further 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.
24 HOUR MEDICAL EMERGENCY NUMBER: 888-314-6171 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage.

(NOTE TO EPA: The following text will be used on containers of 5 gallons or less which can be rinsed.)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry area inaccessible to children.

Pesticide Disposal: Pesticide wastes may be 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 for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(NOTE TO EPA: The following text will be used on containers of greater than 5 gallons)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry area inaccessible to children.

Pesticide Disposal: Pesticide wastes may be 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 for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container ¼ 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 it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

SPARTAN CHEMICAL COMPANY, INC. 1110 SPARTAN DRIVE, MAUMEE, OH 43537
1-800-537-8990/ Medical Emergency: 888-314-6171 / www.spartanchemical.com