

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D C 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms Tiana M Rosamilia Regulatory Manager for, Evonik Degussa Corporation 379 Interpace Parkway Parsippany, NJ 07054

SEP 1 3 2012

Subject Peraclean 5

EPA Registration Number 54289-3 Your Amendment Dated May 17, 2012 EPA Received Date May 18, 2012

The amendment referred to above, submitted in connection with under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended,, to add foaming sanitization applications for previously cleaned, hard non-porous food contact surfaces, is acceptable provided that you make the following labeling revisions

The proposed label claims are acceptable regarding use of the product, Peraclean 5, as a sanitizer with foaming application for previously cleaned hard, non-porous surfaces at 100 ppm and 180 ppm use concentrations for a contact time of 1 minute. These claims are acceptable as supported by the efficacy data provided you make the following revisions

The following changes are recommended on the proposed label

- 1 Under the section for Foam Sanitization, change the sentence beginning, "Examples included" to, "For example, uses that include operating conveyor belts, vertical or uneven surfaces"
- 2 Under the "Precautionary Statements" section, change "before eating, drinking, or using tobacco" to read "before eating, drinking, chewing gum, using tobacco, or using the toilet"
- 3 Add ATCC numbers that are required for all microorganisms in one of these locations,

On the data matrix
The master label (as optional text) with the listing of the organisms
As the final page of the master label (as optional text)

As the final page of the master label (as optional text)

- 4 Change the "Pseudomonas Auriginosa" to "Pseudomonas aeruginosa"
- 5 Change "E coli 0157 H7" to "E coli 0157 H7"
- 6 Change "Salmonella choleraesuis" to "Salmonella enteria"

The submitted efficacy data (MRID NO 488325-10) support the use of the product, Peraclean 5, as a foaming sanitizer against Escherichia coli (ATCC # 11229) on hard, Non-porous surfaces in the presence of 400 ppm hard water for a contact time of 30 Seconds at use concentrations of 100 ppm and 180 ppm. One of the two product lots Tested was at least 60 days old at the time of testing. Bacterial reductions of at least 99 999% over the parallel control were observed within 30 second contact time. Sterility Controls did not show growth. The concentration of the active ingredient, at the time of Testing, or upon receipt is absent. This information is necessary for comparison of the Confidential Statement of Formula, to the tested product, to the proposed label.

A stamped copy of the labeling is enclosed Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling

Submit and/or cite all data required for registration /reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e) Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions

If you have any questions concerning this letter, please contact Karen M Leavy-Munk at (703)-308-6237

Sincerely,

Marshall Swindell

Product Manager 33

Regulatory Management Branch I Antimicrobial Division(7510P)

DIRECTIONS FOR USE.
I is a violation of Federal law to use

of the species of the state of the species of the s

G an be applied as a foam for sanitization for previously operous food contlact surfaces and general environmental operous food contlact surfaces such as floors, walls, ceilings. Its Cenar applications can be used where peretiration and out for required times is difficult to achieve. Examples i, and bools. Foam applications can be used where penetration and bin or of product for required times is difficult to achieve. Examples led operating conveyor belts and vertical or uneven surfaces. Spare a distain PERACLENNING southon by adding 1.5 to 2.2 ff oz. per 5

the PERACLEAN® 5 solution add 1.5 to 10.0 fl oz. of AGRHO FM-2011 is the only approved foam-generating

For use with PERACLEAN® 5.
The sawking solution as a form using ocumercially available form the sawking equipment. Allow form to centract surfaces at least one minute what accidance, allow form to remain on boot surface for one minute.

ANTIMICROBIAL RINGE OF PRE-CLEANED OR NEW RETURNABLE OR

thogenic beverage spollage organisms. polor, Byssochlamys fulva, Pediococcus charomyces cerevistae. ng 31 ft. oz. to 5 gallons potable °C to 60°C (104°F to 140°F) nse with sterile or potable

ENA. SANTISHO BOTTLE PRISE SEACLEAN® THAN 9b based as a final sanitizing rines for returnable and non-returnable bottles at a 0.16 to 0.22% distinct (10 to 1.5 ft. oz. PERACLEAN® 5 dissolved in 5 gallons of water). This will provide 88 to 130

uum pickup. Prepare a

ecifically designed to disinfect, such as walls, floors, sink tops,

t will contact food, feed, or drinking water must be eas, a pre-cleaning step is required. Prepare a fresh

BATCH SANITIZATION (NON-FOOD CONTACT SURFACES) OF ULTRA

FILTRATION AND REVERSE CRANSIS (RO) Menseranes
PERALCLEAN® 5 can be used for the sanitization of ultra filtration, medical
and non-medical institutional/industrial reverse camosis (RO) membranes

BATCH SAMITIZATION (NON-FOOD CONTACT SURFACES) OF PIPMS

PERACLEAN ® 5 ®

(PEROXYACETIC ACID SOLUTION)
PERACLEAN® 5 IS A PEROXYACETIC ACID-BASED SANITIZER/
DISINFECTANT DEVELOPED FOR THE FOLLOWING USES:

EPA ESTAB. NO: 70547-IL-001 70253-CA-002 Net contents as stated on container EPA Reg No: 54289-3 Label not for use in California ibranes and Ultra

Before Using This Product, Please Read This Entire Label Carefully.

KEEP OUT OF REACH OF CHILDREN

DANGER

open and ince stowy and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first time finiting etc. Call potent control tendent of chocif restatinet about the second contractives. Call poleon 1: Take of notativistical colorativistics. Rises skin immediately with plently of water for 15 to 20 minutes. Call poleon

sip a glass of viater if able to sealine. Do not incluse vomiting unless tod to do so by a posion control e amphing by mouto that uncontrol separan. On a figure by the control to the control of the co

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

RROSIVE. Causes irreversible eye damage and skin burns. May be fatal if inhaded or absorbed through the skin, etc. Lo not breathe velocing. Was appeared and the control of I wash before reuse.

PYSICAL AND CHEMICAL HAZARDS

RONG OXIDIZING AGENT. Corrosive

Corrostve. Mix only with water. Product must be diluted in accordance with label directions prior bustible, however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The

pesibide is boxic to bein, file), and aquate inventebratus. Custon should be used when applying indoors because pets may PER with Developer to the continuing the property of the person of the person

d Dieposai. Do not contaminate water, food, or feed by storage and disposai. To not contaminate water, food or feed by storage and disposai. To not contaminate in a cod, well-writed area, away from direct sunlight. Do not allow product handed in atorage. This may cause increased departation of the product, which will depresses product electiveness frood area will inger quantifies of water. Do not store in a manner winter or oss-contamination will other pestidities or

iste Representative at the nearest EPA Regional Office for guidance.

No not reuse or refilt this container unless the directions for use allow a given. resulting from the use of this product may be disposed of on site or at an approved waste ted. If wastes cannot be disposed of according to label directions, confact your State Pesticide

ritee (or equivalent) promptly after emplying. Triple interes tollows: Empty remaining it is contained. You will will waster. Replace and lighten closures. Top the container on at 1 complete revealing, in 20 seconds. Simil container on its end and tip back and on engineer, that task, or store 30 seconds. Then offer for recycling, or dispose in a end local authorities by burning.

@ evonik

PERACLEAN® 5 is for sanitizing hard room surfaces, as an adjunct to

Jun, on a time welighted average.
g one quart of a 0.3% solution (3.5 ft. oz. per 10 gallons of 100 cu. ft. of room volume. Allow surfaces to drain thoroughly -5e to logging, remove or carefully protect all food products and packaging feel room is properly ventilated. Vacate all personnel from room during and for a minimum of 2 hours after fooding. Ensure there is no strong centrations are correctly teste

-Use 0.3 to 1.5 lb. (4.1 to 20.6 ff nz.) of PERACLEAN® 5 per 1,000 gar of solutio: as a continuous or intermittent slug treatment. This will pro 1.8 lb. L6 pl.m peroxyacetic acid (36 to 180 ppm PERACLEAN® 5). Re

DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARNS,

i by diluting 1.0 fl. oz PERACLEAN® 5 whered or prior to setting, apply solution

INFALENT WATER SYSTEMS
PERACLE AND 8 should be bed confinuously to incoming fresh water streams
(non-potable use only) at desaper ranging from 10 to 978 pm percoxpected cod (200 to 20,000 ppm PERACLEM® 5).

TERMITTENT ADDITION TO MINIMIZE THE ACCUMULATION OF CONTROL OF BACTERIA AND FUNGLIN NON-FOOD BIOLOGICAL MATTER BETWEEN INTERMITTENT SANTIZING EPISODES IN PIPMG

d - PERACLEAN® 5 should be fed confinuous from 10 to 978 ppm peroxyacetic acid (200 to 20,000 from 10 to 978 ppm peroxyacetic acid (200 to 20,000 from 10 to 10 t

period.

kt. Dose - PERACLEAN® 5 should be shock dosest at dosages ran kt. Dose - PERACLEAN® 5 should be shock dosest at dosages ran PERACLE.

This dosage may be equivelent to 4 to 80 lbs. PERACLEAN® 5 per hassis of bujo or paper produced during the lead period.

Common or sa are constant different constant and information of the Constant content and content conten ssur in procrat decomposition.

N® 5 at a point in the system where uniform mixi FOR TREATMENT OF RAW, UN-PLOUGESED FRUIT AND VEGETABLE SURFA PERACLEAN® 5 can be applied by fogging to control the growth of

a 0.2% solution (3.5 fl. oz. per 16 gallor volume. Allow surfaces to drain thorou

using a spray directed at the fruitor vegetables in the solution. All

PRACE, TREATED TO CONTROL SPREAD OF CITRUS CANNER RACLEAN® 5 can be used to control the spread of citrus or The control of the control of the control of the principles or citrus to diants. This principles are citrus to diants. ng surfaces such as packing house conveyors and harvand containers. This product is not for treatment of in

PERACLEAND 5 is an effective applicer against microoganisms su Xumformeract (DIRECTIVE) patrovas circumsto (clinus o xumformatic (DIVI) (TEV INTERNATION) I. Rumbilly the Society of the State of the State of Naming Application with a support or suitable detergent and with graph (SIVI) (TEV INTERNATION OF THE STATE OF THE PROPERTY OF 12 INTERNATION OF THE STATE OF THE STATE OF THE PROPERTY OF THE PROPERTY

Hers 2.1. ERGG.EAMS 5 as a flation of 8.9 to 16.0 to coe 50 galons of 16.572 to proper perceit and 46.0-742 span of hydrogen perceit areas 14. to combat prescription of a flatigities minute, coe 6. White perfect for buttoning the 2.0 combat prescription of a flatigities minute, coe 6. White perfect for buttoning of 2.0 combat perceit and 6.0 combat perceit and 6.0