

68660-1

8-2-2007

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

080207

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Eliot Harrison
Regulatory Specialist for,
Solvay Chemicals, Inc.
333 Richmond Avenue
Houston, TX 77098

Mail to: Attn: Eliot Harrison
Lewis & Harrison
122 C Street, N.W.
Suite 740
Washington, D.C. 20001

Subject: Proxitane WW-12
EPA Registration Number 68660-1
Your Amendment Dated October 9th, 2006
EPA Received Date October 25th, 2006

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 the new use pattern of a disinfectant for sewage and wastewater effluent associated with public and private treatment plants, is acceptable.

LABELING:

Include the following hazard statement: "This pesticide is toxic to fish, invertebrates, shrimp, clams and oysters in the Precautionary Statements" section.

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

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,

A handwritten signature in black ink, appearing to read "Dennis H. Edwards" followed by a stylized flourish.

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7510P)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Proxitane® WW - 12 Microbiocide

80207

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

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD
OR FEED BY STORAGE OR DISPOSAL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed or inhaled. Do not breathe vapor or spray mist. Wear a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or cannister with any N, R, P, or HE prefilter. Consult the MSDS for information about respirators and cartridges that have been tested and shown to be effective in removing hydrogen peroxide and peracetic acid from air. Wear chemical goggles, rubber gloves, and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Contact of concentrate with other sanitizers, cleaners or other material may cause fire.

ACTIVE INGREDIENT:

Hydrogen Peroxide
Peroxyacetic Acid
INERT INGREDIENTS
Total

18.5%
12.0%
69.5%
100.0%

68660-7

DANGER

STRONG OXIDIZING AGENT KEEP OUT OF REACH OF CHILDREN

FIRST AID STATEMENTS

IF IN EYES: - Hold eyelids open and rinse slowly and gently 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: - 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 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 treatment advice.

IF SWALLOWED: - Call poison control center or doctor immediately for treatment advice.
- Drink promptly large quantities of water.
- 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.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR
EMERGENCY MEDICAL INFORMATION.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE

Store in original vented container in a dry location away from heat and out of direct sunlight. In case of fire involving product, use water. In case of large quantities of spilled material, dike with sand or earth. Dilute with large quantities of water.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate, is a violation of Federal Law. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public waters unless the components of this product are specifically identified in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage plant authority. For additional information, refer to the product Material Safety Data Sheet.

CONTAINER DISPOSAL

Plastic Containers (300 gallon tote) and Stainless Steel Containers (300 gallon tote, 4500 gallon tank trucks, 20,000 gallon railcars): Return for reuse. Plastic Containers (1 pint, 1 quart, and 1, 5, 30, and 55 gallon drums): Triple rinse (or equivalent) then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Glass containers (1 pint, 1 quart, and 1 gallon): Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

Manufactured and Distributed by:
SOLVAY CHEMICALS, INC.
3333 Richmond Avenue, Houston TX 77098
USA
(713) 525 - 6500
For emergency, call
CHEMTREC ® (800) 424 - 9300

Net Wt.:

pounds.

Weight per gallon: 9.2 lb.

Lot. No.

EPA Reg. No. 68660 - 1
EPA Est. No. 60156 - IL - 001

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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.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN PULP AND PAPER MILL SYSTEMS FOR FOOD AND NON-FOOD CONTACT PAPER

Proxitane® WW-12 provides an effective means to treat various process waters for slime control. Dosage rates should be increased or decreased depending on control achieved. **Maximum usage rate must not exceed 2 lbs Proxitane® WW-12 solution per ton (2000 lbs., dry basis) of pulp or paper produced.**

TREATMENT OF PAPER MACHINE WHITE WATER -Proxitane® WW-12 may be applied within the white water short circulation loop on the paper machine. Apply with either shock, intermittent or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied 1 to 12 times per day, for a duration of 5 to 60 minutes each. For either shock or intermittent dosing, apply 0.02 to 0.8 gallons Proxitane® WW-12 per 1000 gallons of white water, producing a peak concentration of 20 to 800 ppm Proxitane® WW-12 during dosing. This is approximately equivalent to a peak dose of 2 to 100 ppm 100% peracetic acid. For continuous dosing, apply 0.02 to 0.2 gallons Proxitane® WW-12 per 1000 gallons of process water, producing a peak concentration of 20 to 200 ppm of Proxitane® WW-12. This is approximately equivalent to 2 to 25 ppm 100% peracetic acid.

CATALASE CONTROL IN DEINKING WATER LOOPS -Proxitane® WW-12 may be applied to the inlet lines going to deinking water storage following clarification. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 10 to 60 minutes as necessary. Apply 1.7 to 4.2 gallons Proxitane® WW-12 per 1000 gallons recirculation water, producing a peak concentration of 1700 to 4200 ppm Proxitane® WW-12 during dosing. This is approximately equivalent to a peak dose of 200 to 500 ppm 100% peracetic acid. For intermittent doses, apply 1 to 12 times per day for a duration of 10 to 60 minutes. Apply 0.8 to 2.1 gallons Proxitane® WW-12 per 1000 gallons of water, producing a peak concentration of 800 to 2100 ppm of Proxitane® WW-12 during dosing. This is approximately equivalent to a peak dose of 100 to 250 ppm 100% peracetic acid. For continuous dosing, apply 0.2 to 1.4 gallons Proxitane® WW-12 to 1000 gallons of process water, producing a peak concentration of 200 to 1400 ppm of Proxitane® WW-12. This is approximately equivalent to 25 to 170 ppm 100% peracetic acid.

TREATMENT OF RAW AND PROCESS WATER -Proxitane® WW-12 may be applied to water at the inlet of the process water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for a duration of 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons Proxitane® WW-12 per 1000 gallons of water producing a peak concentration of Proxitane® WW-12 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons Proxitane® WW-12 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm Proxitane® WW-12. This is approximately equivalent to 1 to 36 ppm 100% peracetic acid.

FOR DISINFECTION AND MICROBIAL CONTROL IN EFFLUENT TREATMENT SYSTEMS

Use Proxitane® WW-12 to treat sewage and wastewater effluent associated with public and private wastewater treatment plants. Proxitane® WW-12 can be applied, by itself, directly to the effluent or in conjunction with an appropriate activator, such as UV light. Apply Proxitane® WW-12 at any point where microbial control is essential. Apply 4 to 83 gallons of Proxitane® WW-12 per 1,000,000 gallons of wastewater (0.5 to 10 ppm of peracetic acid). **NOTE:** The dosing rate for individual facilities will depend on the nature of the effluent (level of microbial control) and the local microbial discharge limit. Therefore, adjust the dosing rates to the levels appropriate for your facility. Do not exceed the maximum dose level of 83 gallons of Proxitane® WW-12 per 1,000,000 gallons of wastewater (or 10 ppm of peracetic acid). The PAA concentration will rapidly decline after treatment. The maximum amount of PAA that can be discharged from the treatment facility is 1.0 ppm PAA. Use an appropriate PAA test kit or analyzer as recommended by Solvay Chemicals Inc. to ensure that this level is not exceeded. Contact your Solvay Chemicals technical representative for guidance on treatment regimes.

Proxitane® WW-12 Microbiocide

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH FOR NON-FOOD CONTACT PAPER USES

TREATMENT OF STARCH USED FOR SIZING ON THE PAPER MACHINE -Apply Proxitane® WW-12 directly to the starch storage tank or through the recirculation loop. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, whereas intermittent doses may be applied for 5 to 60 minutes up to 12 times per day. For either shock or intermittent dosing, apply 0.8 to 5 gallons Proxitane® WW-12 per 1000 gallons of starch solution to achieve 100 to 600 ppm 100% peracetic acid. For continuous dosing applications, apply 0.08 to 1.7 gallons Proxitane® WW-12 per 1000 gallons starch solution, producing a peak concentration of approximately 10 to 200 ppm 100% peracetic acid.

TREATMENT OF CLAYS USED AS COATINGS AND FILLERS ON THE PAPER MACHINE - Applications may be made at the recirculation loop or directly to the agitated slurry storage tank. Apply with either shock, intermittent, or continuous dosing. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses may be applied for 5 to 60 minutes, 1 to 12 times per day. For either shock or intermittent dosing, apply 0.4 to 0.8 gallons Proxitane® WW-12 to 1000 gallons clay slurry solution producing a peak concentration of approximately 50 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.04 to 0.8 gallons Proxitane® WW-12 to 1000 gallons of process water, producing a peak concentration of 5 to 100 ppm 100% peracetic acid.

COATINGS PRESERVATION -Proxitane® WW-12 can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.1 to 0.7 gallons of Proxitane® WW-12 solution to 1,000 gallons of water. This will provide 100 to 700 ppm of Proxitane® WW-12, or 12 to 85 ppm 100% peracetic acid.

TREATMENT OF DISPERSED PIGMENTS -Proxitane® WW-12 can be used in the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper production. Add 0.12 to 0.6 lb. of Proxitane® WW-12 to each 1,000 lbs. of fluid. This will provide 120 to 600 ppm of Proxitane® WW-12, or 15 to 70 ppm 100% peracetic acid.

CONTROL OF ALGAL, FUNGAL, AND BACTERIAL GROWTH IN INDOOR CLOSED LOOP, NON-POTABLE, NON-FOOD CONTACT WATER SYSTEMS

TREATMENT OF RAW AND PROCESS WATER (such as heat exchanger system water, boiler water, wet scrubber water, etc.) -Proxitane® WW-12 may be applied to water at the inlet of the water system or any other suitable point. Apply with either shock, intermittent, or continuous dosing. Shock dosing may be applied for 1 to 2 hours, as necessary, whereas intermittent dosing is applied for 2 to 15 minutes, 4 to 100 times per day. For either shock or intermittent dosing, apply 0.16 to 0.8 gallons Proxitane® WW-12 per 1000 gallons of water producing a peak concentration of Proxitane® WW-12 of 160 ppm to 800 ppm during dosing. This is approximately equivalent to a peak dose of 20 to 100 ppm 100% peracetic acid. For continuous dosing applications, apply 0.01 to 0.3 gallons Proxitane® WW-12 to 1000 gallons of water, producing a peak concentration of 10 to 300 ppm Proxitane® WW-12. This is approximately equivalent to 1 to 35 ppm 100% peracetic acid.

TREATMENT OF COOLING WATER SYSTEMS (such as cooling towers, evaporative condensers, etc.) -Severely fouled systems should be cleaned before treatment. Proxitane® WW-12 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in lack of efficacy. Add Proxitane® WW-12 at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied for 5 to 60 minutes, 1 to 100 times per day. For either shock, intermittent or continuous dosing, apply 0.01 to 0.07 gallons Proxitane® WW-12 solution per 1000 gallons of water. This will provide 10 to 70 ppm of Proxitane® WW-12, or 1 to 9 ppm 100% peracetic acid. Repeat treatment as required to maintain control.

Manufactured and Distributed by: SOLVAY CHEMICALS, INC.
3333 Richmond Avenue, Houston TX 77098 USA
(713) 525 - 6500 For emergency, call CHEMTRECO® (800) 424 - 9300
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4/4