

68660-12

3/5/2013

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Ana Rodriguez-Koster
Regulatory Agent for,
c/o Salvoy Chemicals, Inc.
Lewis & Harrison
122 C Street, NW, Suite 505.
Washington, DC 2001

MAR - 5 2013

Subject: Proxitane 15:23
EPA Registration Number 68660-12
Your Amendment Dated November 2nd, 2012
EPA Received Date November 5th, 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 oil and gas field applications to the product labeling, is acceptable.

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,

A handwritten signature in black ink, appearing to read "M. Swindell".

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

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER. CORROSIVE.
Causes irreversible eye damage and causes skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or inhaled.
Do not breathe vapor or spray mist and 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 canister with any N, R, P, or HE prefilter. Do not enter an enclosed area without proper respiratory protection.

When handling, wear goggles or face shield, rubber gloves, chemically resistant coveralls or apron worn over long-sleeved shirt, long pants, socks and chemically resistant footwear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. Corrosive. Contact with combustibles may cause fire. Contamination may cause rapid decomposition, generation of large quantities of oxygen and heat.

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, aquatic invertebrates, shrimp, clams and oysters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries or public 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. In developing the NPDES permit, restrictions on the release of waters containing this product during low-flow periods should be considered.

Solvay Chemicals, Inc.
3333 Richmond Avenue
Houston TX 77098 USA
(713) 525-6500

For Emergency, Call Chemtrec® (800) 424-9300

EPA Reg. No. 68660-12

EPA Est. No. 5-5103

Net Wt:

Weight per Gallon: 9.99 lb/gal - 5 2013

Lot No.:

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide has been registered for the pesticide activities listed on the label.
EPA Reg. No. 68660-12

Proxitane® 15:23

Active Ingredients:	
Hydrogen Peroxide	23%
Peroxyacetic Acid	15%
Inert Ingredients	62%
TOTAL:	100.00%

STRONG OXIDING AGENT
KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for 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 5 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 inhaled	
- Move person to fresh air.	
- If 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.	
- 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 THE POISON CONTROL CENTER at 800-222-1222 OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

STORAGE AND DISPOSAL

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

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. Triple rinse container (or equivalent) promptly after emptying.

For containers less than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers 5 to 55 gallons: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip the 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 for 10 seconds. Empty rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

For containers greater than 55 gallons: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Stainless Steel Containers (300 gallon tote, 4,500 gallon tank trucks, and 20,000 gallon railcars): Return for reuse. Refill the container with pesticide only. Do not reuse this container for other purposes.

Plastic Containers (300 gallon tote, 30, and 55 gallon drums): Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Plastic Containers (1 pint, 1 quart, and 1.5 Nonrefillable container): Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by 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): Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

BIOFOULING CONTROL IN PULP AND PAPER MILLS SYSTEMS

For use in the manufacturing of paper and paperboard intended for food-contact and non-food contact.

Proxitan® 15:23 provides an effective means to treat various process waters for slime control. Apply up to 1.6 lbs Proxitan® 15:23 solution per ton (2000 lbs., dry basis) of pulp or paper produced.

TREATMENT OF PAPER MACHINE WHITE WATER - Proxitan® 15:23 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 0.013 to 0.67 gallons Proxitan® 15:23 per 1000 gallons of white water (133 to 660 ppm Proxitan® 15:23 or 15.5 to 66.6 ppm peracetic acid) and 2 to 100 ppm of peracetic acid. For continuous dosing, apply 0.013 to 0.16 gallons Proxitan® 15:23 per 1000 gallons of process water, producing a peak concentration of 13 to 160 ppm of Proxitan® 15:23. This is approximately equivalent to 15.5 to 25 ppm of peracetic acid.

CATALASE CONTROL IN DEINKING WATER LOOPS - Proxitan® 15:23 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 1.33 to 3.30 gallons Proxitan® 15:23 per 1000 gallons recirculation water (1330 to 3300 ppm Proxitan® 15:23 or 200 to 500 ppm of peracetic acid). For intermittent doses, apply 1 to 12 times per day for a duration of 10 to 60 minutes. Apply 0.66 to 1.66 gallons Proxitan® 15:23 per 1000 gallons of water (660 to 1660 ppm of Proxitan® 15:23 or 100 to 250 ppm of peracetic acid). For continuous dosing, apply 0.16 to 1.13 gallons Proxitan® 15:23 to 1000 gallons of process water (166 to 1130 ppm of Proxitan® 15:23 or 25 to 170 ppm of peracetic acid).

TREATMENT OF RAW AND PROCESS WATER - Proxitan® 15:23 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 0.13 to 0.66 gallons Proxitan® 15:23 per 1000 gallons of water (133 ppm to 660 ppm of Proxitan® 15:23 or 20 to 100 ppm peracetic acid). For continuous dosing applications, apply 0.006 to 0.24 gallons Proxitan® 15:23 to 1000 gallons of water (6.6 to 240 ppm Proxitan® 15:23 or 1 to 36 ppm of peracetic acid).

FOR DISINFECTION AND MICROBIAL CONTROL IN EFFLUENT TREATMENT SYSTEMS - Use Proxitan® 15:23 to treat sewage and wastewater effluent associated with public and private wastewater treatment plants. Proxitan® 15:23 can be applied, by itself, directly to the effluent or in conjunction with an appropriate activator, such as UV light. Apply Proxitan® 15:23 at any point where microbial control is essential. Apply 3.2 to 66.4 gallons of Proxitan® 15:23 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 66.4 gallons of Proxitan® 15:23 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.

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

TREATMENT OF STARCH USED FOR SIZING ON THE PAPER MACHINE - Apply Proxitan® 15:23 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 0.66 to 4 gallons Proxitan® 15:23 per 1000 gallons of starch solution to achieve 100 to 600 ppm of peracetic acid. For continuous dosing applications, apply 0.066 to 1.33 gallons Proxitan® 15:23 per 1000 gallons starch solution, producing a peak concentration of approximately 10 to 200 ppm of 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 0.33 to 0.66 gallons Proxitan® 15:23 to 1000 gallons clay slurry solution (50 to 100 ppm of peracetic acid). For continuous dosing applications, apply 0.033 to 0.66 gallons Proxitan® 15:23 to 1000 gallons of process water (5 to 100 ppm of peracetic acid).

COATINGS PRESERVATION - Proxitan® 15:23 can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.08 to 0.56 gallons of Proxitan® 15:23 solution to 1,000 gallons of water (80 to 560 ppm of Proxitan® 15:23 or 12 to 85 ppm of peracetic acid).

TREATMENT OF DISPERSED PIGMENTS - Proxitan® 15:23 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 0.010 to 0.46 Lbs. of Proxitan® 15:23 to each 1,000 Lbs. of fluid (100 to 460 ppm of Proxitan® 15:23, or 15 to 70 ppm of 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.) - Proxitan® 15:23 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 0.133 to 0.66 gallons Proxitan® 15:23 per 1000 gallons of water (133 ppm to 660 ppm of Proxitan® 15:23 or 20 to 100 ppm of peracetic acid). For continuous dosing applications, apply 0.006 to 0.23 gallons Proxitan® 15:23 to 1000 gallons of water (6.6 to 230 ppm Proxitan® 15:23 or 1 to 35 ppm of peracetic acid).

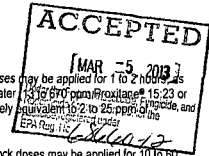
TREATMENT OF COOLING WATER SYSTEMS (such as cooling towers, evaporative condensers, etc.) Severely fouled systems should be cleaned before treatment. Proxitan® 15:23 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in lack of efficacy. Add Proxitan® 15:23 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 0.0066 to 0.060 gallons Proxitan® 15:23 solution per 1000 gallons of water (6.6 to 60 ppm of Proxitan® 15:23, or 1 to 9 ppm of peracetic acid). Repeat treatment as required to maintain control.

FOR MICROBIAL CONTROL ASSOCIATED WITH MICROBIAL CONTAMINATION IN OIL AND GAS APPLICATIONS

Use Proxitan® 15:23 for controlling slime-forming and spoilage bacteria, biotin, yeast and fungi and anaerobic sulfate-reducing bacteria (*Desulfovibrio vulgaris*) in Subterranean Oilfield and Gas-Field Well Operations such as well drilling, formation fracturing, productivity enhancement and secondary recovery. Use of Proxitan® 15:23 can reduce reservoir souring and metal corrosion. Proxitan® 15:23 must be introduced through a closed mixed/loading and delivery transfer system equipped with a metering device that is appropriate for its intended uses.

DRILLING MUDS; FRACTURING FLUIDS; WELL SQUEEZED FLUIDS - For the preservation of drilling muds, workover and completion fluids and other products susceptible to contamination, pre-mix Proxitan® 15:23 with the fluid or add directly at the point of use at 4.35 oz. per 1000 gallons of water (5 ppm of peroxyacetic acid) to 85 oz. per 1000 gallons of water (100 ppm of peroxyacetic acid) as required. Depending on the severity of the contamination, initial application may be added up to 850 oz. per 1000 gallons of water (1000 ppm of peroxyacetic acid).

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FLOODING, INJECTION, AND PRODUCED WATER - For water flooding operations, add Proxitane® 15:23 initially at 4.35 oz. per 1000 gallons of water (5 ppm of peroxyacetic acid) to 85 oz. per 1000 gallons of water (100 ppm of peroxyacetic acid) and repeat until control is achieved. Subsequent treatment may be continued on a weekly basis or as required. Injection wells associated with gas storage systems may be treated up to 100 ppm when diluted in the formation of water. Any additional top-up water should be treated as required. For hydrostatic systems, apply 4.35 oz. per 1000 gallons of water (5 ppm of peroxyacetic acid) to 85 oz. per 1000 gallons of water (100 ppm of peroxyacetic acid) depending on the water quality and the duration of the shut in.

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PIPELINE AND TANK MAINTENANCE - For microbial control in water-bottoms in crude and refined hydrocarbon storage tanks, piping, and transportation systems. Apply 4.35 oz. of Proxitane® 15:23 per 1000 gallons of water (5 ppm of peroxyacetic acid) to 85 oz. per 1000 gallons of water (100 ppm of peroxyacetic acid) in the aqueous phase, directly injected into the water-bottom, pipeline or may be added to the hydrocarbon phase. Treatment may be applied daily or monthly for both storage and transportation systems as needed.

In all applications, always prepare a new solution daily to ensure effectiveness. Do not re-use solution. Dispose of unused solution.

Proxitane® 15:23

EPA Reg. No.: 68660-12

EPA Est. No.: 60156-IL-1

Manufactured for:

Solvay Chemicals, Inc.
3333 Richmond Avenue
Houston TX 77098 USA
(713) 525-6500
For Emergency, Call Chemtrec® (800) 424-9300

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