



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 25, 2019

Melba Morrow,
Authorized Representative for Justeq, LLC.
Justeq, LLC.
1660 Hertel Lane
Deerfield, IL 60015

Subject: Notification per PRN 98-10 – Addition of use direction
Product Name: JUSTEQ07
EPA Registration Number: 84024-1
Application Date: February 6, 2019
Decision Number: 548551

Dear Dr. Morrow:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Melanie Bolden at (703) 347-0165 or via email at Bolden.Melanie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Fuller".

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Justeq07

Justeq07 is an effective agent for controlling algae, bacteria, and fungi that produce slime in recirculating condensing and cooling equipment and in reservoirs or ponds that serve as the source of boiler feedwater or cooling water. Justeq07 can also be used to control bacteria, algae and fungal slime in decorative fountains, air washers, paper mill water systems, and food, beverage, and industrial process pasteurizers.

ACTIVE INGREDIENTS:

Sodium hypochlorite..... 7.00%

Sodium bromide..... 1.50%

INERT INGREDIENTS..... 91.50%

Total..... 100.00%

Total Available chlorine = approximately 6.7%

Total Available Bromine = approximately 2.3%

NOTIFICATION

84024-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/25/2019

KEEP OUT OF REACH OF CHILDREN DANGER

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 a 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 a doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to mouth if possible.
- Call a poison control center or a doctor for further treatment advice.

If swallowed:

- Call a poison control center or a doctor immediately for treatment advice.
- DO NOT INDUCE VOMITING, unless told to do so by the Poison Control Center or Doctor.
- Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN:

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container, label or MSDS with you when calling a poison control center or a doctor, or going for treatment. In case of Medical Emergency, call (630) 428-4143

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 84024 - 1

EPA Est. No.: 6484-WI-001

JUSTEQ LLC
1660 Hertel Lane
Deerfield, IL 60015

Net Contents _____

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 on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollution 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 sewage treatment plant authority. For guidance contact your State Water Board Regional Office of EPA.¹

DIRECTIONS FOR USE

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

COOLING PONDS, RESERVOIRS AND DECORATIVE FOUNTAINS

Justeq07 must be applied at the reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient Justeq07 must be fed to maintain a total chlorine level of 1.0-4.0 ppm in all parts of the reservoir or pond (two fluid ounces per 1000 gallons of water yields about 1.0 ppm total chlorine).

INDUSTRIAL & COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS

Justeq07 must be applied directly to the cooling water at any section of the system where sufficient mixing will occur. Apply Justeq07 to the cooling water to provide a total chlorine level of 1.0-4.0 ppm. Justeq07 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.0 ppm throughout the systems. Check the total chlorine level with a test kit and additional product applied until a reading of 1.0-4.0 ppm is obtained at the bleed-off point. The product can be added to the system either continuously or intermittently or as needed to obtain the above residual. The frequency of feeding and dosage rate will depend upon the severity of the problem.

INDUSTRIAL PASTEURIZERS (Such as food, beverage, and industrial process pasteurizers)

For control of bacteria and fungi in industrial pasteurizers add 4 -8 ounces of Justeq07 per 1000 gallons of system water to achieve control. To maintain control add sufficient Justeq07 to maintain 2.0-4.0 ppm total chlorine throughout the system. (Two fluid ounces per 1000 gallons of water yields 1.0 ppm total chlorine).

SHELL EGG PASTEURIZER WATER SYSTEMS (not for use in California)

For control of bacteria, fungi and algal slime in shell egg pasteurizer water systems add 4-8 ounces of Justeq07 per 1000 gallons of system water to achieve control. To maintain control add sufficient Justeq07 to maintain 2.0-4.0 ppm total chlorine throughout the system. (Two fluid ounces per 1000 gallons of water yields 1.0 ppm total chlorine).

AIR WASHERS (This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.)

For control of microorganisms in industrial air washer systems add sufficient Justeq07 to the air washer sump or chill water to provide a total chlorine level of 2.0-4.0 ppm. Badly fouled systems must be cleaned before treatment is begun. Justeq07 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.0 ppm throughout the system. Check the total chlorine level with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

HEAT TRANSFER SYSTEMS (Such as Evaporative Condensers, Hydrostatic Sterilizers and Retorts, Dairy Sweetwater Systems, and Once-Through Cooling Water Systems)

Justeq07 must be used at the same application rates, and in the same manner as described above. It must be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

PULP & PAPER MILL INFLUENT WATER SYSTEMS (not for use in California)

Justeq07 must be applied to the raw water intake prior to the filter house, economizer, or process water. Feed at a dosage sufficient to provide total a chlorine level of 2.0-4.0 ppm. Justeq07 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.0 ppm throughout the system. The total chlorine level must be checked with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained. Some systems can be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. Justeq07 can be used in pulp and paper influent water systems where the manufactured paper or paperboard can be used for food contact purposes.

PULP & PAPER MILL PROCESS WATER SYSTEMS (not for use in California)

Add Justeq07 to paper making systems at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white water tank. Feed at a dosage sufficient to provide a total chlorine level of 2.0-4.0 ppm. Justeq07 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 1.0 ppm of total chlorine, but several times that dosage may be required to provide a total chlorine level of 1.0 ppm throughout the system. Check the total chlorine level with a test kit and additional product applied until a reading of 2.0-4.0 ppm is obtained. Some systems can be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. Justeq07 can be used in pulp and paper mill process water systems where the manufactured paper or paperboard can be used for food contact purposes.

MEMBRANE SYSTEMS FOR INDUSTRIAL WATER

Justeq07 may be used to control bacteria and reduce biofouling in various membrane system types (reverse osmosis, ultrafiltration, nanofiltration and microfiltration) used for industrial water processing. Use of this product in potable water or dialysis is prohibited. Add 3 to 25 ppm of this product (0.20 to 1.68 ppm total chlorine) to feed water continuously to produce 0.5 to 2 ppm total chlorine in concentrate. Certain water conditions may damage membranes sensitive to oxidizers. Consult with your water treatment service provider or the manufacturer prior to use.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. **Nonrefillable container. Do not refill this container.**

PESTICIDE DISPOSAL: Pesticide disposal 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash collection.

FOR RIGID NON-REFILLABLE CONTAINERS – 5 gallons or less:

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

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the 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 for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

FOR RIGID NON-REFILLABLE CONTAINERS – greater than 5 gallons:

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

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container to 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

WARRANTY STATEMENT

Justeq LLC warrants that this product complies with the specifications expressed on the label. To the extent consistent with applicable law, Justeq LLC makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose.