



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 1, 2017

Barbara Christianson
EnvirOx, LLC
1938 E. Fairchild Street
Danville, IL 61832

Subject: Notification per PRN 98-10 – Revised Mixing Instructions
Product Name: H2Orange2 Super Concentrate 112
EPA Registration Number: 69268-1
Application Date: March 23, 2017
Decision Number: 527662

Dear Ms. Christianson:

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 Terria Northern at 703-347-0265 or via email at northern.terria@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hebert", written over a horizontal line.

for

John Hebert, Branch Chief
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

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:

06/01/2017

(OPTIONAL LOGO)

H₂ORANGE₂ SUPER CONCENTRATE 112

OXIDIZING MULTI PURPOSE CLEANER, DEGREASER & SANITIZER
(NON-FOOD CONTACT SURFACES), VIRUCIDE & DEODORIZER FOR
HARD, NON-POROUS SURFACES, CARPET EXTRACTION FOR CLEANING,
DEODORIZING, AND KILLING ODOR CAUSING BACTERIA

ACTIVE INGREDIENT	
Hydrogen peroxide	7.95%
OTHER INGREDIENTS	92.05%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 69268-1

EPA Est. No. 69268-IL-001

EnvirOx, LLC
1938 E. Fairchild St., Danville, IL 61832

NET CONTENTS:

This product is not to be used as a terminal sterilant/disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes, but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

- Respiratory illnesses attributable to Pandemic 2009 H1N1 are caused by influenza A virus.
- This product (Product Name) is a broad-spectrum hard surface disinfectant that has been shown to be effective against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- This product has demonstrated effectiveness against influenza A virus and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 influenza A virus.
- This product has demonstrated effectiveness against (influenza A virus tested and listed on the label) and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1 (formerly called swine flu).
- Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).
- Kills Pandemic 2009 H1N1 influenza A virus.

PRECAUTIONARY STATEMENTS - HAZARDS TO **HUMAN** AND DOMESTIC ANIMALS

DANGER. Undiluted product concentrate may cause severe eye damage. Do not get in eyes, on skin or clothing. Wear safety glasses or other eye protection and rubber gloves when handling concentrate. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

After product is diluted in accordance with directions for use, safety glasses or other eye protection are not required. Product, after dilution according to directions, is non-irritating.

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 or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for 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.

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.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage

STORAGE AND DISPOSAL

IN CASE OF SPILL: To clean up spill, flood area with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

PESTICIDE STORAGE: Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Avoid freezing conditions. Avoid high temperatures. Do not exceed storage temperatures of 95°F. Best storage temperatures are between 35°F and 85°F. Overheating in storage may result in increased degradation of product, which will decrease product effectiveness. Keep concentrate away from incompatible materials.

PESTICIDE DISPOSAL: Do not contaminate food or feed by storage, disposal or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: If Empty: Do not reuse container. Place in trash or offer for recycling if available. **If Partially Filled:** Call your local solid waste for disposal instructions. Never place unused product down any indoor or outdoor drain. Triple 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 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. If in plastic bag with original box, discard in trash, sanitary landfill or by incineration, or if allowed by State and Local Authorities, by burning. If burned, stay out of smoke.

Questions? Call 1-800-281-9604

DIRECTIONS FOR USE

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

H2Orange2 Super Concentrate 112, when used as directed as a sanitizer, kills 99.99% of the following: Staphylococcus aureus, Salmonella enterica, Klebsiella pneumoniae, Pseudomonas aeruginosa, Streptococcus faecalis, and Escherichia coli. When used as directed as a virucide, H2Orange2 Super Concentrate 112, kills the following viruses in 5 minutes at room temperature (20+/-1° C): Herpes simplex virus Type 2, Influenza A2/Japan, and HIV-1 (Human Immunodeficiency Virus). To ensure that all bacterial and viral agents, except HIV-1, are killed as stated, use ~~5 parts/oz.~~ of H2Orange2 Super Concentrate 112 to 123 parts per gallon (1 part/oz. to 24.6 parts/oz.) of cold tap water (e.g., 5 ounces to 123 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 24.6 ounces of water).

CLEANING AND SANITIZING: Using the appropriate cleaning solution for the type of surface to be treated, thoroughly clean the surface, allow to air dry. If needed use additional solution. Replace mop-bucket solution daily.

TO USE AS A SANITIZER AND VIRUCIDE IN BATHROOMS: Add ~~5 parts/oz.~~ of H2Orange2 Super Concentrate 112 to 123 parts per gallon (1 part/oz. to 24.6 parts/oz.) of cold tap water (e.g., 5 ounces to 123 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 24.6 ounces of water) for sinks, faucets, counters, urinals, toilets, and all hand contact surfaces as well as walls, stalls, and floors where urine and soils build up. Replace mop-bucket solution daily. Follow instructions for inanimate, hard, non-porous surfaces.

TO USE AS A SANITIZER AND VIRUCIDE ON INANIMATE, HARD, NON-POROUS SURFACES: Add ~~5 parts/oz.~~ of H2Orange2 Super Concentrate 112 per gallon to 123 parts (1 part/oz. to 24.6 parts/oz.) of cold tap water (e.g., 5 ounces to 123 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 24.6 ounces of water). Apply solution liberally to pre-cleaned hard surfaces, with a spray bottle, pump up pressure sprayer with a coarse spray, cloth, sponge or mop. Allow surface to remain wet for 5 minutes, then, either allow to air dry or wipe dry to remove excess liquid. Heavily soiled surfaces should be pre-cleaned with the same solution. Replace mop-bucket solution daily.

HIV-1: To kill HIV-1 in 5 minutes at room temperature (20-25°C) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids at a concentration of 1/2 ~~part/oz.~~ of H2Orange2 Super Concentrate 112 to 127 ½ parts per gallon (0.5 part/oz. to 127.5 parts/oz.) of cold tap water (e.g., 1/2 ounce to 127 ½ ounces for one gallon, or 0.5 ounce of H2Orange2 Super Concentrate 112 for every 127.5 ounces of water). For use in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surface/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 I (HIV-1 Associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV (HEPATITIS B VIRUS) AND HIV-1 (HUMAN IMMUNODEFICIENCY VIRUS OR AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

Personal Protection: Wear appropriate barrier protection such as latex gloves, gowns, masks and eye coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of diluted product using the Heavy Duty Cleaning Solution.

Contact time: While the HIV-1 virus is inactivated in 5 minutes, at use concentration of 1/2 oz. / gallon, with both organic load and when diluted in hard water (up to 400 ppm hardness), use the recommended contact time for sanitization and virucidal activity as given on this label.

Infectious Materials Disposal: Cleaning materials that may contain blood and other body fluids must be disposed of by autoclaving or as directed by the facility safety officer.

DEODORIZING

For general deodorizing, use 1 ~~part~~oz of H2Orange2 Super Concentrate 112 ~~to 127 parts per gallon (1 part/oz. to 127 parts/oz.)~~ of cold tap water (~~e.g., 1 ounce to 127 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 127 ounces of water~~). Apply to hard, non-porous surfaces to eliminate generally offensive odors. For effective, high level, deodorizing, use 5 ~~part~~oz of H2Orange2 Super Concentrate 112 ~~to 123 parts per gallon (1 part/oz. to 24.6 parts/oz.)~~ of cold tap water (~~e.g., 5 ounces to 123 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 24.6 ounces of water~~).

Apply to hard, non-porous surface thoroughly to eliminate odors due to spillage from post-colostomy, post-ileostomy dressing and bag changes, and other spills such as urine or fecal matter; smoke or soot deposits, industrial plant processes, mildew and mold, and surfaces in musty closets.

CLEANING SOLUTION DILUTIONS & APPLICATIONS**FLOORS (1/4 Oz / gal) YELLOW**

Light duty floor cleaner for mopping or auto scrubbers

LIGHT DUTY (1/2 Oz / gal) GREEN (bottle or label)

Streak free window, mirror and stainless steel cleaning

General floor cleaner for mopping & auto scrubbers

Bonnet cleaning solution for carpets

Light wipe down cleaner

GENERAL PURPOSE (2.5 Oz / gal) BLUE (bottle or label)

General wipe down cleaner

Mopping solution for Bathroom and Kitchen floors

General carpet spot remover

HEAVY DUTY (5 Oz / gal) RED (bottle or label)

Bathroom, shower room, tile & grout cleaner

Urine and garbage odor eliminator

Pre-spray for carpet extraction

General degreaser

Heavy soil wipe down cleaner

Heavy carpet spot remover

Cleans Mold & mildew

SUPER DUTY (12 Oz / gal) PURPLE (bottle or label)

Renovation of tile & grout surfaces

Difficult urine & garbage odor destruction

Scuff marks and stubborn stains

Cleans heavy mold & mildew

CARPET EXTRACTION**For Cleaning, Deodorizing and Killing Odor Causing Bacteria**

For the extraction of dirt, soil, and other contaminants in carpets, use 5 ~~part~~oz of H2Orange2 Super Concentrate 112 ~~to 123 parts per gallon (1 part/oz. to 24.6 parts/oz.)~~ of cold tap water (~~e.g., 5 ounces to 123 ounces for one gallon, or 1 ounce of H2Orange2 Super Concentrate 112 for every 24.6 ounces of water~~). Pre-spray the carpet (400 sq ft. per gallon of RTU Dilution), let sit for 10 minutes, then extract with cold tap water only.