

69268-2

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Lewis & Harrison  
Agent for Envirox LLC  
122 C Street, NW Suite 740  
Washington, DC 20460-0001

JAN 05 2009

Attention: Robert S. Brennis  
Regulatory Manager

Subject: H2Orange2 117 Concentrate  
EPA Reg. No. 69268-2  
Amendment Application Date: October 7, 2008

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, The Agency has no objections to the amendments (such as changes to the First Aid Statement & additional carpet uses for cleaning and deodorizing) you submitted.

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

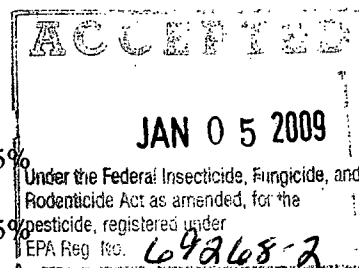
# H<sub>2</sub>ORANGE<sub>2</sub> CONCENTRATE 117



(OPTIONAL LOGO/MARKETING STATEMENT)

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	3.95%
OTHER INGREDIENTS	96.05%
TOTAL	100.00%



**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 69268-2

EPA Est. No. 69268-II.-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.

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

**CAUTION.** Causes moderate eye damage. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

*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.

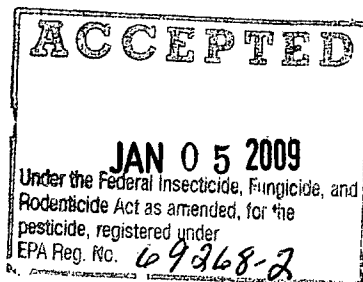
**STORAGE:** Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Avoid freezing conditions. Avoid high temperatures. Do not exceed storage temperatures of 95°F Best storage temperatures are between 35°F and 85°F. Overheating in storage may result in increased 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.

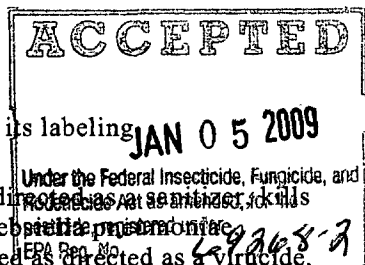
**CONTAINER DISPOSAL: If Empty:** Do not reuse container. Place in trash or offer for recycling if available. **Partially Filled:** Call your local solid waste for disposal instructions. Never place unused product down any indoor or outdoor drain. Triple rinse container (or equivalent) promptly after 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 burning, stay out of smoke.

Questions? Call 1-800-281-9604



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**DIRECTIONS FOR USE**

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

**H2Orange2 Concentrate 117 Manual & Dispenser Dilution**, when used as directed as a sanitizer, kills 99.99% of the following: Staphylococcus aureus, Salmonella choleraesuis, Klebsiella pneumoniae, Pseudomonas aeruginosa, Streptococcus faecalis, and Escherichia coli. When used as directed as a virucide, H2Orange2 Concentrate 117 Manual & Dispenser Dilution, kills the following viruses in 5 minutes at room temperature (20+/-1° C): Herpes simplex virus Type 2, Influenza A2/Japan, HBV (Hepatitis B Virus) and HIV-1 (Human Immunodeficiency Virus). To insure that all bacterial and viral agents, except HIV-1, are killed as stated, use 10 oz. of H2Orange2 Concentrate 117 Manual & Dispenser Dilution (10 parts to 118 parts) of cold tap 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 10oz. of H2Orange2 Concentrate 117 Manual & Dispenser Dilution (10 parts to 118 parts) of cold tap water for sinks, faucets, counters, urinals, toilets (non-water covered surfaces) 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 10 oz H2Orange2 Concentrate 117 Manual & Dispenser Dilution (10parts per 118 parts) of cold tap 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-I and HBV:** 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 1oz. of H2Orange2 Concentrate 117 Manual & Dispenser Dilution per gallon (1 part to 127 parts) of cold tap water. To kill HBV 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 10 oz. of H2Orange2 Concentrate 117 Manual & Dispenser Dilution (10 parts to 118 parts) of cold tap 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) or HBV (Hepatitis B Virus).

**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 or 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 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. For HBV, use concentration of 10 oz per gallon (10 parts to 118 parts). Leave surfaces wet for 5 minutes.

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

**DE ODORIZING**

For general deodorizing, use 2 oz of H2Orange2 Concentrate 117 Manual & Dispenser Dilution per gallon (2 parts to 126 parts) of cold tap water. Apply to hard, non-porous surfaces to eliminate generally offensive odors. For effective, high level, deodorizing, use 10 oz of H2Orange2 Concentrate 117 Manual & Dispenser Dilution per gallon (10 parts to 118 parts) of cold tap 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 stains, and surfaces in musty closets.

**CLEANING SOLUTION DILUTIONS & APPLICATIONS**

**LIGHT DUTY (1 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 Oz / gal) BLUE (bottle or label)**

General wipe down cleaner  
 Mopping solution for Bathroom and Kitchen floors  
 General carpet spot remover

**HEAVY DUTY (10 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 stains

**SUPER DUTY (24-48 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 stains

**CARPET EXTRACTION**

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

For the extraction of dirt, soil, and other contaminates in carpets, use 10 oz of H2Orange2 Concentrate 117 Manual & Dispenser Dilution per gallon (10 parts per 118 parts) of cold tap water. Pre-spray the carpet (400sq ft per gallon of RTU Dilution), let sit for 10 minutes, then extract with cold tap water only.

