



Oxy-Sept® 333

PRODUCT DESCRIPTION

Oxy-Sept® 333 (EPA Reg. No. 1677-129), is an antimicrobial disinfectant used in animal housing facilities. Formulated for effective soil penetration and disinfecting properties, its effectiveness is based on a stabilized peroxyacetic acid formulation. Peroxyacetic acid is formed by an equilibrium reaction between hydrogen peroxide and acetic acid.

BENEFITS

Germicidal Performance

Oxy-Sept 333 cleaning and disinfecting properties make it an effective disinfectant against pathogens, which are listed on the product label and the back of this sheet. It helps control *Salmonella enterica*, *Salmonella enteritidis*, *Staphylococcus aureus*, *Enterobacter aerogenes*, *Listeria monocytogenes*, *E. coli*, as well as viruses such as Influenza A (H10N7), Newcastle Disease virus, Infectious bovine rhinotracheitis (IBR), Mycobacterium Bovis (Tuberculocidal), Foot & Mouth Disease Virus (Aphthovirus), and others which are listed on the product label and the back of this sheet.

Oxy-Sept 333 Controls Microorganisms Under a Wide Range of Conditions

- ▲ Tolerant of a wide range of water conditions including hardness, cold temperatures, and pH.
- ▲ Oxy-Sept 333 is formulated for effective soil penetration and its ability to stand up to heavy organic loads (mud, manure, urine, etc.).
- ▲ Effective soil penetration is caused by the combination of a surfactant with the oxidation.
- ▲ The use solution active ingredients break down into water, oxygen, and acetic acid. It can be discharged down the drain after use.

PROPERTIES

Form	liquid
Color	colorless
Odor	pungent, acetic acid
Foam	slight
Spec. Grav. @ 68°F (20°C).....	1.12
Pounds per gallon.....	9.33 (4.23kg)
100% solution pH	2.1

pH 1% solution 2.5

ACTIVE INGREDIENTS:

Hydrogen Peroxide	27.5%
Peroxyacetic Acid	5.8%

INERT INGREDIENTS: 66.7%

TOTAL:..... 100.0%

EPA Reg. No. 1677-129

DIRECTIONS FOR USE

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

Sanitizing Non-Food Contact Surfaces:

Prior to sanitizing, remove gross food particles, and then wash with a detergent solution, followed by a potable water rinse. Sanitize non-food contact surfaces such as floors, walls, tables, chairs, benches, drains, troughs, and drip pans with 1 oz. Oxy-Sept 333 per 8 gallons water. At this concentration the product is effective against *Staphylococcus aureus*, *Enterobacter aerogenes*, *Escherichia coli*, *Listeria monocytogenes*, *Salmonella typhimurium*, and *Saccharomyces cerevisiae*. Also effective against organisms found in the brewing industry, *Pediococcus damnosus* and *Lactobacillus malefermentans*. All surfaces should be exposed to the sanitizing solution for a period of not less than 5 minutes. Drain thoroughly and allow to air dry. No rinse necessary.

Foam Sanitizing Non-Food Contact

Surfaces: Oxy-Sept 333 is an effective foam sanitizer of pre-cleaned non-food contact surfaces, such as boots, floors, walls, drains, and associated equipment. For this application, prepare a solution of 0.2% v/v (1 oz. per 4 gallons water) Oxy-Sept 333 and 0.13% v/v (0.7 oz. per 4 gallons water) Liquid K. For example, in four gallons of water, add 1 fluid ounce of Oxy-Sept 333 and 0.7 ounces of Liquid K. Liquid K is the only approved foam generator. Apply solution as a foam using recommended equipment such as a Super Foamer. Wet surfaces thoroughly. At this concentration, the product is effective against *Staphylococcus aureus*, *Enterobacter aerogenes*, and *Listeria monocytogenes*. Surfaces should be exposed to the sanitizing foam for a period of not less than 5 minutes. No rinse is necessary. Contact your Ecolab representative for information on Liquid K and a recommended foamer.

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DIRECTIONS FOR USE (CONT.)

DISINFECTION:

Oxy-Sept 333 disinfects as it cleans in one operation. Oxy-Sept 333 can be used to disinfect floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, tile, linoleum, vinyl, glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.

Combination General Disinfection

and Cleaning: Oxy-Sept 333 is effective against *Staphylococcus aureus*, *Salmonella enterica*, *Salmonella enteritidis*, *Salmonella typhimurium*, *Proteus vulgaris*, *Streptococcus pyogenes*, and *Histoplasma capsulatum** at 0.4% to 1.0% (2 oz./4 gallons to 5 oz./4 gallons of water) in hard water (500 ppm as CaCO₃), 5% blood serum and dried soap film residue on hard nonporous surfaces. For heavily soiled areas, a precleaning step is required. Prepare a disinfecting and cleaning solution diluting 4 ounces Oxy-Sept 333 in 8 gallons of water (0.4% v/v). Apply solution with mop, cloth, sponge, brush, scrubber, or coarse spray device or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove solution and entrapped soil with a clean wet mop, cloth, or wet vacuum pickup. Prepare a fresh solution daily or when it becomes soiled or diluted.

*Not tested in the presence of soap film residue.

Virucidal: At 0.4% to 1.0% (2 oz./4 gallons to 5 oz./4 gallons of water) Oxy-Sept 333 is effective against Influenza B/Taiwan/2/62, Influenza A (H3N2) and Influenza A (H1N1) when used at 20 deg C with a 10 minute contact time in the presence of 500 ppm hard water and organic soil. Apply as directed under disinfection. Oxy-Sept 333 is designed for use in animal hospitals, animal laboratories, kennels, pet shops, zoos, pet animal quarters, poultry premises, poultry hatcheries, and livestock quarters. When used as directed, Oxy-Sept 333 is specifically designed to disinfect, deodorize and clean inanimate, hard surfaces such as

walls, floors, sink tops, furniture, operating tables, kennel runs, cages and feeding and watering equipment. In addition Oxy-Sept 333 will deodorize those areas which are generally hard to keep fresh smelling such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

Disinfection of Poultry Premises, Trucks, Coops and Crates:

1. Remove all poultry and feeds from premises, trucks, coops and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with a detergent and rinse with water.
5. Saturate surfaces with a 0.4% to 1.0% (2 oz./4 gallons to 5 oz./4 gallons of water) solution of Oxy-Sept 333 for a period of 10 minutes.
6. Ventilate buildings, coops and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with a detergent and rinse with potable water before reuse.

See your Ecolab Representative for specific recommendations for all cleaning and rinsing requirements.

Poultry Hatchery Disinfection: Clean out any remaining eggs and chicks. Remove gross soils, such as litter, down, shell fragments or other hatching related debris. Empty all racks and other equipment. Thoroughly wash all surfaces, including floors, walls, conveyors, trays and water systems with a recommended detergent. Rinse thoroughly with water. Apply a 0.4%

to 1.0% (2 fluid ounces/4 gallons to 5 fluid ounces/4 gallons of water) solution of Oxy-Sept 333 with a mop, cloth, brush or coarse spray. Wet all surfaces and allow to remain wet for 10 minutes. Ventilate buildings and other closed spaces. Allow to dry before reintroducing eggs.

Disinfection and Deodorizing of Animal Housing Facilities (Barns, Kennels, Hutches):

Remove animals and feed from facilities. Remove litter, waste matter and gross soils. Empty all troughs, rack and other feeding and watering equipment. Wash surfaces with a recommended alkaline detergent, by manual, foam, or spray application. Rinse with water. Apply a 0.4% to 1.0% (2 oz./4 gallons to 5 oz./4 gallons of water) solution of Oxy-Sept 333 with a mop, cloth, brush or coarse spray. Wet all surfaces and allow to remain wet for 10 minutes. Ventilate buildings and other closed spaces. Allow to air dry before reintroducing animals.

Virucidal Activity - Poultry and Livestock Pathogens:

Oxy-Sept 333 is useful as a disinfectant against viruses pathogenic to poultry: Influenza A (H1N7), Newcastle Disease virus, Infectious bronchitis virus, Reovirus, as well as bovine and other livestock pathogens: Infectious bovine rhinotracheitis (IBR), Parainfluenza 3 Virus, and the foot & mouth disease virus (*Aphthovirus*).

For Sanitizing of Hatching Eggs: Prepare a solution of Oxy-Sept 333 by diluting 2 oz. product with 5 gallons of water. As eggs are gathered or prior to setting, apply solution as a coarse spray so as to lightly wet all shell surfaces.

NOTE: This product in its use solutions is compatible with stainless steel and aluminum surfaces. If product is intended to be used on any other surface, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use.

STATEMENT OF ASSURANCE

This product is effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP).

A Letter of Guaranty as indicated in USDA's Sanitation Performance Guideline is available from your Ecolab representative.

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