Active Ingredients:
- Hydrogen Peroxide...22.0%
- Peroxyacetic Acid......15.0%

Inert Ingredients:................... 63.0%
Total: ................................100.0%
Net contents as stated on container

DANGER

KEEP OUT OF REACH OF CHILDREN
(If you do not understand the label, find someone to explain it to you in detail.)

See side panel for additional precautionary statements and first aid.

Before using this product. Please read entire label carefully.

FIRST AID

If in eyes
- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call 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 poison control center or doctor for treatment advice.

If swallowed
- Call 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 by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Jet Harvest Solutions 24 hours at, 1-877-866-5773 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

Jet Harvest Solutions
P.O. Box 915139
Longwood, FL 32791
Toll Free 877-866-5773
www.jetharvest.com
Jet-Oxide® 15 is a peroxyacetic acid-based sanitizer/disinfectant developed for the following uses:

**Institutional/Industrial Sanitizing of Previously Cleaned Non-Porous Food Contact Surfaces in:**
- Dairies
- Wineries
- Breweries
- Food and Beverage Plants
- Disinfecting Poultry Premises
- Poultry Hatcheries
- Animal Housing Facilities
- Reverse Osmosis Membranes and Ultra Filtration

**Hard Surface Disinfection in:**
- Hospitals
- Health Care Facilities
- Schools
- Colleges
- Veterinary Clinics
- Animal Life Science Laboratories
- Industrial Facilities
- Office Buildings
- Recreational Facilities
- Retail and Wholesale Establishments

**Bacteria, Fungi, and Slime Control in:**
- Pulp and Paper Mill Systems
- Dispersed Pigments
- Cooling Water Systems
- Coatings Preservation

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER - CORROSIVE** - Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes on skin or on clothing. Wear goggles and/or face shield and rubber gloves when handling. Do not enter an enclosed area without proper respiratory protection. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**PHYSICAL OR CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT** - Corrosive. Mix only with water. Product must be diluted in accordance with label directions prior to use. Jet-Oxide® 15 is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

**ENVIRONMENTAL HAZARDS** - This pesticide is toxic to birds, fish, and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other 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 sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the US Environmental Protection Agency.

**DIRECTIONS FOR USE**

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

**SANITIZATION**

**NOTE: FOR MECHANICAL OPERATIONS** prepared solution may not be used for subsequent sanitizing but may be reused for other purposes such as cleaning.

**FOR MANUAL OPERATIONS** fresh sanitizing solutions should be prepared at least daily or more often if the solution becomes diluted or soiled.

Jet-Oxide® 15 peroxyacetic acid sanitizer is recommended for use on precleaned surfaces such as equipment, pipelines, tanks, vats, fillers, evaporators, pasteurizers and aseptic equipment in dairies, breweries, wineries, beverage and food processing/packing plants, egg processing/packing equipment surfaces, and eating establishments. This product is effective as a sanitizer when solution is prepared and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**Sanitizing Food Contact Surfaces:**

Effective against Staphylococcus aureus and Escherichia coli.

Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with a concentration of 0.33 fluid ounce Jet-Oxide® 15 dissolved in 5 gallons of water (0.053% v/v concentration). This will provide 88 ppm of peroxyacetic acid. At this dilution Jet-Oxide® 15 is effective against Staphylococcus aureus and Escherichia coli. Use immersion, coarse spray or circulation techniques as appropriate to the equipment. All surfaces should be exposed to the sanitizing solution for a period of at least 60 seconds or more if specified by governing sanitary code. Drain thoroughly. Do not rinse.

**Sanitizing, Eating, Drinking, And Food Prep Utensils:**

Remove gross food particles by a prescrape, a preflush and, when necessary, a presoak treatment. Wash with a recommended detergent. Rinse with clean water. Sanitize in a solution of 0.33 fluid ounce Jet-Oxide® 15 dissolved in 5 gallons of water. Immerse all utensils for at least 60 seconds or contact time specified by governing sanitary code. Drain and air dry.

**Sanitizing Tableware:**

For sanitizing tableware in low temperature warewashing machines, inject Jet-Oxide® 15 into the final rinse water at a concentration of 0.33 fluid ounce Jet-Oxide® 15 dissolved in 5 gallons of water. Do not exceed 0.053% v/v. This will provide 88 ppm of peroxyacetic acid. Air dry.

To insure that the Jet-Oxide® 15 sanitizer concentration does not fall below 48 ppm peroxyacetic acid, periodically test the rinse solution with a suitable test kit and adjust the dispensing rate accordingly. Consult your technical service representative for assistance and further information on sanitizing tableware in warewashing machines.

**Final Sanitizing Bottle Rinse**

Jet-Oxide® 15 may be used as a final sanitizing rinse for returnable and non-returnable bottles at a 0.053% dilution (0.33 fluid ounce Jet-Oxide® 15 dissolved in 5 gallons of water). This will provide 88 ppm of peroxyacetic acid.

**Batch Sanitization (non-food contact surfaces) of Ultra Filtration and Reverse Osmosis (RO) Membranes**

Jet-Oxide® 15 can be used for the sanitization of ultra filtration, medical and non-medical institutional/industrial reverse osmosis (RO) membranes and their associated distribution systems.

This product has been shown to be an effective disinfectant when tested by AOAC and EPA methods. This product may not eliminate all vegetative microorganisms in reverse osmosis membranes and their associated piping systems due to their construction and/or assembly, but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. Check with equipment manufacturer for membrane compatibility with Jet-Oxide® 15.

Remove biological or organic fouling from the membrane or other parts of the system with an appropriate cleaner. Flush the system with RO permeate or similar quality water. Remove mineral deposits with suitable acidic cleaner prior to sanitizing the membranes with Jet-Oxide® 15. Flush the system again with the RO permeate or similar quality water. Prepare an appropriate volume of 1% solution of the product (0.35 gallon of Jet-Oxide® 15 to 100 gallons of water). This will provide 568 ppm of peroxyacetic acid and 834 ppm hydrogen peroxide. Fill the entire water circuit to be sanitized with the dilute solution and allow the solution to reach a minimum of 20°C (68°F). Recirculate the dilute solution of Jet-Oxide® 15 for a minimum of 10 minutes. Allow membrane elements to soak in the solution for a minimum of 20 minutes. Rinse the RO system and test for residuals to ensure that there is less than 3 ppm per oxygen. Diverting product water to drain can reduce residuals.

**Batch Sanitization (Non-Food Contact Surfaces Surfaces) Of Piping Systems Associated With RO Membranes**

Jet-Oxide® 15 can be used for the sanitization of RO membranes: Isolate incompatible equipment from the system and/or assembly, but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. Check with equipment manufacturer for membrane compatibility with Jet-Oxide® 15.

Remove biological or organic fouling from the membrane or other parts of the system with an appropriate cleaner. Flush the system with RO permeate or similar quality water. Remove mineral deposits with suitable acidic cleaner prior to sanitizing the membranes with Jet-Oxide® 15. Flush the system again with the RO permeate or similar quality water. Prepare an appropriate volume of 1% solution of the product (0.35 gallon of Jet-Oxide® 15 to 100 gallons of water). This will provide 568 ppm of peroxyacetic acid and 834 ppm hydrogen peroxide. Fill the entire water circuit to be sanitized with the dilute solution and allow the solution to reach a minimum of 20°C (68°F). Recirculate the dilute solution of Jet-Oxide® 15 for a minimum of 10 minutes. Allow membrane elements to soak in the solution for a minimum of 20 minutes. Rinse the RO system and test for residuals to ensure that there is less than 3 ppm per oxygen. Diverting product water to drain can reduce residuals.

**Continuous/Intermittent Addition To Minimize The Accumulation Of Biological Matter Between Intermittent Sanitizing Episodes In Piping Systems Associated With RO Membranes (Non-Food Contact Surfaces)**

Jet-Oxide® 15, as received or diluted, may be added continuously to the feed water system, between system sanitizing episodes, to aid in minimizing the regrowth/accumulation of biological...
matter. The peroxygen residual in the system which will be effective will vary with the design and usage characteristics of the system. Adjust the addition rate of Jet Oxide 15 or the solution and periodically monitor residual peroxygen so that the desired effect is obtained. For continuous addition, do not exceed 7 ppm (0.33 fluid ounces of product per 500 gallons of water) Jet Oxide 15. This will give 1 ppm peroxyacetic acid and 1.4 ppm hydrogen peroxide. For intermittent feed, do not exceed 750 ppm (8.5 fluid ounces of product per 100 gallons of water) Jet Oxide 15. This will give 110 ppm peroxyacetic acid and 160 ppm hydrogen peroxyide.

**HARD SURFACE DISINFECTION: Jet-Oxide® 15 disinfects as it cleans in one operation. Jet-Oxide® 15 can be used to disinfect floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, coolers, glazed tile, linoleum, vinyl, non-porous glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.**

Areas of use in hospitals: Jet-Oxide® 15 may be used for surgical and obstetrical suites; housekeeping services; physical therapy departments; nursing services; autopsy facilities. Also, use Jet-Oxide® 15 in nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life science laboratories, industrial facilities, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.

This product is not to be used as a terminal/sterilant/high level 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 preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**Combination Disinfection and Cleaning: Jet-Oxide® 15 is effective against Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, Trichophyton mentagrophytes, and Escherichia coli 0157:H7 at 0.08% (0.5 fl. oz./gal) in hard water (400 ppm as CaCO₃) and 5% fetal bovine serum on non-porous glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.**

Treatment of Agricultural or Irrigation Water Systems (sand filters, humidification systems, storage tanks, ponds, reservoirs, canals):

For the control of sulfides, odor, slime and algae in water systems, apply this product at 2-10 ppm active peroxyacetic acid. This feed rate equals 15-75 fl. oz per 10,000 gallons of water. Repeat dose as necessary to maintain control, with dosage rate varying with seasonal conditions. For prevention of algae, some systems may require continuous low level dosing during warm sunny periods (2-5 ppm peroxyacetic acid).

Drip Irrigation Systems: To clean slime and algae from drip system filters, tapes and emitters, meter this product at the rate of 7.5-15 fl. oz. per 1000 gallons of water (10-20 ppm peroxyacetic acid). When required during normal irrigation cycles, use this product at the recommended dose for a minimum of 30 minutes. Thereafter, the irrigation cycle should be discontinued and the line should not be flushed.

**For Treatment of Raw, Unprocessed Fruit and Vegetable Surfaces:**

Jet-Oxide® 15 can be applied as a dip or spray to control the growth of non-public health microorganisms that may cause decay and/or spoilage on raw, post-harvest fruits and vegetables during the washing process. This product can be applied during physical cleaning processes, including at the roller spreader, washer manifold, dip tank, on the brushes or elsewhere in the washing process prior to, simultaneously with or after detergent wash.

1. Prepare treating solution by diluting 1 fluid ounces per 16 gallons of potable water. This will provide 85 ppm peroxyacetic acid and 125 ppm hydrogen peroxide.
2. Apply the diluted sanitizer solution using a coarse spray directed at the fruits or vegetables, or by soaking the fruits and vegetables in the solution. Allow a contact time of at least 45 seconds.
3. The treated produce can be drain dried without a potable water rinse.

**For the Treatment of Processed Fruits and Vegetables and Process Waters to Control Growth of non-public health microorganisms that can cause spoilage:**

1. Prepare treating solution by diluting 1.5 fluid ounces per 25 gallons of potable water. This will provide 80 ppm peroxyacetic acid and 117 ppm hydrogen peroxide.
2. Apply the diluted sanitizer solution as a spray or dip. Allow a contact time of at least 45 seconds. No rinse following application is required. This use complies with the requirements of 21 CFR173.315.
3. The treated produce can be drain dried without a potable water rinse.

**For Disinfection of Sewage and Wastewater Effluents in Treatment Plants:**

Use Jet-Oxide® 15 to treat sewage and wastewater effluent related to public and private wastewater treatment plants. Jet-Oxide15 can be applied directly to the effluent or may be used with an appropriate activator such as hydrogen peroxide or other technology. Jet-Oxide 15 may be applied to effluent water discharged from trickle bed or percolating fluidized bed filters. The application rate for individual facilities will depend on the degree of bioloading of the effluent stream to be discharged and the local microbial discharge limit. Adjust application rate to meet the need of the individual facility.

1. Add Jet-Oxide® 15 to effluent water at a concentration of 0.5 ppm to 15 ppm. Allow contact time of approximately 15 to 60 minutes.
2. The maximum amount of peracetic acid that can be discharged from the treatment facility is 1 ppm. Use an appropriate peracetic acid test kit analyzer to ensure that this level is not exceeded. Contact Jet Harvest for assistance establishing treatingregimes.

**Influent water systems:**

Jet-Oxide® 15 should be fed continuously to incoming fresh water streams (potable use only) at dosages ranging from 10 to 975 ppm peroxyacetic acid (65 to 6500 ppm Jet-Oxide® 15).

**Mill Process Waters:**

- Continuous Feed – Jet-Oxide® 15 should be fed continuously at dosages ranging from 10 to 975 ppm peroxyacetic acid (65 to 6500 ppm Jet-Oxide® 15). This range is equivalent to 0.13 to 13 lbs. Jet-Oxide® 15 per ton (dry basis) of pulp or paper produced.
- Intermittent Feed – Jet-Oxide® 15 should be fed intermittently (6 to 8 times per day) at dosages ranging from 10 to 975 ppm peroxyacetic acid (65 to 6500 ppm Jet-Oxide® 15). This range is equivalent to 0.13 to 13 lbs. Jet-Oxide® 15 per ton (dry basis) of pulp or paper produced.
- Shock Dose – Jet-Oxide® 15 should be shock dosed at dosages ranging from 98 to 2048 ppm peroxyacetic acid (648 to 13,638 ppm Jet-Oxide® 15). This range is equivalent to 1.3 to 27.3 lbs. Jet-Oxide® 15 per ton (dry basis) of pulp or paper produced.
STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container.”

CONTAINERS LESS THAN 5 GALLONS:
Triple rinse as follows: Empty the 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.

CONTAINERS GREATER THAN 5 GALLONS:
Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ 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 container on its end and tip back and for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use of disposal. Repeat the procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or by incineration, if allowed by state and local authorities by burning.