

PERACIDIN® RO DISINFECTANT

Peracidin® RO Disinfectant is intended for the disinfection of water purification systems for hemodialysis.

KEEP OUT OF REACH OF CHILDREN

Active Ingredients:

Hydrogen Peroxide	27.0%
Peroxyacetic Acid	4.5%
Inert Ingredients	68.5%
(Nominal concentrations)	
Total	100.0%

See Safety Data Sheet for additional safety information

Federal law prohibits use of this product in a manner inconsistent with its labeling.

BOTTLE MUST BE STORED UPRIGHT IN ORIGINAL SHIPPING CONTAINER



Read the Peracidin® RO Disinfectant label and Directions for Use before using this product. Failure to follow directions for use per package insert may result in user injury. This product must be diluted with purified water prior to use.



The diluted solution is single use only.



DANGER

PRECAUTIONARY STATEMENTS:

- Hazard to Humans and Domestic Animals.
- Wear safety glasses and rubber gloves when handling.
- Dilute only with purified water
- Never mix with other disinfectants or cleaning agents.
- Do not allow Peracidin® RO Disinfectant to mix with alkaline substances such as bleach (Sodium Hypochlorite).
- Peracidin® RO Disinfectant solution should be prepared immediately prior to use.
- Peracidin® RO Disinfectant is a single use product. Do not reuse prepared solution.
- Do not use after expiration date.

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE.

Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash hands. Caution should be used when applying indoors because pets may be at risk.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers must always wear: eye protection, rubber gloves and gown while using Peracidin® RO Disinfectant.

PHYSICAL AND CHEMICAL HAZARDS

This product contains a strong oxidizing agent.

Manufactured for: Angelini Pharma Inc.
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Peracidin® is a registered trademark of Angelini Pharma Inc.

FIRST AID	
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911, then give artificial ventilation, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice. • Get prompt medical attention.
IF SWALLOWED	<ul style="list-style-type: none"> • Promptly drink large quantities of water. • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF SPILLED	<ul style="list-style-type: none"> • Flush away with large quantities of water.
<p>HOT LINE NUMBER: For chemical emergency, spill, leak, fire, exposure and accident, call CHEMTREC, day or night at 800-424-9300. Have the product container, label, or SDS with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC at 800-424-9300 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

INTENDED USES: Peracidin® RO Disinfectant is intended for the disinfection of water purification (RO) systems for hemodialysis. It should be diluted to a 1% concentration before use, and used for a minimum contact time of 36 minutes at 68°F (20°C). The compatibility of the RO system with diluted hydrogen peroxide should be confirmed prior to use. Consult the RO system manufacturer for compatibility questions. Follow the RO system manufacturer's cleaning procedure, all cleaning solution should be properly rinsed prior to using Peracidin® RO Disinfectant.

DIRECTIONS FOR USE: Prepare a 1% Peracidin® RO Disinfectant solution (1 part Peracidin® RO Disinfectant to 99 parts purified water) by adding the Peracidin® RO Disinfectant solution to purified water. Completely fill the loop and RO (water circuit) with a 1% Peracidin® RO Disinfectant solution and allow the diluted solution to reach a minimum temperature of 68°F (20°C). Do not exceed the temperature as recommended by the RO system's manufacturer. Recirculate the 1% Peracidin® RO Disinfectant solution until the entire water circuit is filled. Allow the water circuit to soak in the 1% Peracidin® RO Disinfectant solution for a minimum of 36 minutes. Sample the 1% Peracidin® RO Disinfectant solution from terminal end of the circuit using a potency test strip to confirm a 1% or greater Peracidin® RO Disinfectant solution has been achieved. Rinse the RO system. Rinse times may vary depending on type and size of the RO system. Use a residual test strip to confirm less than 1 ppm. Divert product water to drain for a short period of time to eliminate residual disinfectant that may enter the system because of chemical rebound.

Peracidin® RO Disinfectant has been shown to be an effective disinfectant. Peracidin® RO Disinfectant may not totally eliminate all vegetative microorganisms in RO 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. The possibility of recontamination by the incoming water supply may exist. Peracidin® RO Disinfectant should be used in a disinfection program, which includes bacteriological monitoring of the entire RO system.

Peracidin® RO Disinfectant may be used for disinfecting RO systems which are compatible with diluted hydrogen peroxide solutions. Peracidin® RO Disinfectant has a shelf life of 12 months (15 months for gallons).

Peracidin® RO Disinfectant should always be stored in original container and never stored as diluted solution since it may compromise its effective concentration. Biological or organic fouling of the membrane or other parts of the system should be removed with appropriate cleaner. It is important to follow the RO system manufacturer's recommended cleaning procedure. After cleaning, flush the system. Mineral deposits should be removed with an acidic cleaner prior to disinfection. Again, follow the RO system manufacturer's recommended cleaning procedure. Then flush the unit. The presence of iron or other transition metals, in conjunction with the hydrogen peroxide in Peracidin® RO Disinfectant, could cause degradation of the RO system.

COMPATIBILITY: The RO system manufacturer should be consulted prior to the use of Peracidin® RO Disinfectant. RO systems vary in design according to the particular needs of the user. Because of the variations in materials of construction at different facilities, some systems may have components of pumps, gaskets, etc. that are not compatible with long exposure to Peracidin® RO Disinfectant. Peracidin® RO Disinfectant is, to a degree, corrosive to copper, brass, iron, and certain other metals. Peracidin® RO Disinfectant solution has been found compatible with typical system materials such as stainless steel. It is also compatible with polypropylene, high-density polyethylene, polysulfone, Teflon, polycarbonate, neoprene, ABS, nylon, acrylic silicone, Plexiglas, ethylene propylene, VITON, FLUOREL, PVC, and CPVC.

STORAGE:

- Always store Peracidin® RO Disinfectant (capped) in original shipping carton.
- Store in upright position to prevent leakage from vented caps.
- Do not expose to direct sunlight.
- Avoid contact with combustible materials.
- Avoid contamination from any source, including metals, dust, organic matter, etc. Such contamination may cause rapid decomposition, generation of large quantities of oxygen gas and high pressures.
- NEVER TAMPER WITH VENT.
- Expiration date applies to properly stored, unused products.
- Do not use after expiration date.
- Store in a cool, well ventilated room.



86°F

Maintain storage temperature between 86°F (30°C) and 32°F (0°C). Do not freeze.

DISPOSAL:

- Do not contaminate water, food or feed by storage or disposal.
- Wastes resulting from the use of this product may be disposed of on site by dilution in a sanitary sewer or at an approved waste disposal facility.

Container Disposal:

- Nonrefillable container.
- Do not reuse or refill this container. Offer for recycling if available.
- Clean container 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 container 1/4 full with water and recap.
 - Shake for 10 seconds.
- Dispose of rinsate according to Local, State, and Federal Regulations.