ZEP-I-DINE™

BACTERICIDE • FUNGICIDE • VIRUCIDE*

Meets OSHA’s Bloodborne Pathogens Act Requirements • For Institutional, Institutional and Agricultural Use • Authorized by USDA For Use in Federally-Inspected Meat, Poultry and Egg Processing Plants

CONCENTRATED, BROAD SPECTRUM IODOPHOR FOR USE AS A ONE-STEP CLEANER-DISINFECTANT AND NO-RINSE SANITIZER IN:
- Hospitals and Clinics
- Food Processing Plants
- Dental Offices
- Hand Sanitizing in Food Plants
- Schools and Institutions
- Nursing Homes
- Kitchens and Lunch Rooms
- Restrooms

ACTIVE INGREDIENT:
- Iodophor

INERT INGREDIENTS:
- Water

TOTAL:
- 0.335%

*From alpha-p-nonylphenyl-alpha-hydroxypropyl (oxygenethylene) condensate complex.

KEEP OUT OF THE REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals
CORROSIVE. Causes irreversible eye damage. Harmful to food. Do not get in eyes or on clothing. Avoid contact with skin. Wear gloves or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID
IF IN EYES: Hold open eyes 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 doctor 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for treatment advice.

If the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable medical damage may be caused by anesthetic leakage.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and aquatic organisms. Do not contaminate water by clearing of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, marshes, oceans or other water bodies in accordance with the requirements of the 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 sewer systems without previously notifying the local sewage treatment plant authority for your geographic location.

Used as directed ZEP-I-DINE is effective in hard water (up to 400 ppm of CaCO3) and is 95% organism sewage load against the following viruses: bacteriophage and phage-like fungi: Poliovirus, Vaccinia, Herpes Simplex Type 1, and Herpes Simplex Type 3, and Herpes Simplex Type 4. It is bactericidal against Salmonella enterica, Staphylococcus aureus, Pseudomonas aeruginosa, and E. coli. It is fungicidal against Trichophyton mentagrophytes (the athlete’s foot fungus). ZEP-I-DINE is effective against Leishmania major on pre-cleaned food contact surfaces. Used in hard water (up to 400 ppm of CaCO3), ZEP-I-DINE is effective against the HIV-1 Virus on pre-cleaned environmental surfaces and objects previously soiled with blood or other body fluids. This product is not to be used as a terminal stand-by level disinfectant on any surface or instrument that is (1) intended directly on the human body, either in or on contact with the bloodstream or normally sterile area of the body, or (2) contacts 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-determine or decontaminate or critical or semi-critical medical devices prior to sterilization or high level disinfection.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not for Residential Use.

Sanitizing Class, Disinfecting, and Decontamination
The color of a ZEP-I-DINE solution is proportionate to the intended site disinfection. Prepare a Fresh solution daily, or when there is a noticeable change in its rich amber color, or more often if the solution becomes diluted or oxidized.

ONE-STEP CLEANING AND DISINFECTING: This product may be used in clean and disinfected operating areas, patient rooms, floors, walls, counter tops, rest rooms, shower areas, sinks, fixtures, floor, water, urinals, bathtubs, showers, commercial freestores, animal rooms, cages and other hard, non-porous surfaces. Before applying disinfecting solutions, food products and packaging materials must be removed from the room or carefully protected. Remove heavy debris and deposits before applying the disinfecting solution. Using a solution of 1 ounce (30 mL) of 2% ZEP-I-DINE per 5 gallons of water. Allow 10 minutes contact time with disinfecting solution. All food contact surfaces must be washed with potable water before reuse. Rooms, walls and other non-food contact surfaces do not require rinsing before reuse.

NOTE: When using ZEP-I-DINE against the following viruses, bacteriophage and phage-like fungi: Poliovirus, Vaccinia, Herpes Simplex Type 1, and Herpes Simplex Type 3, and Herpes Simplex Type 4. It is bactericidal against Salmonella enterica, Staphylococcus aureus, Pseudomonas aeruginosa, and E. coli. It is fungicidal against Trichophyton mentagrophytes (the athlete’s foot fungus).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES AND OBJECTS PREVIOUSLY SOILED WITH BLOOD OR OTHER BODY FLUIDS

PERSONAL PROTECTION:
Clean up should always be done wearing protective latex gloves, gowns, masks, and eye protection. Specific barrier protection items to be used when handling waste and blood to avoid injury, are disposable gloves, gowns, masks, or eye coverings.

BACTERICIDE AND HUMAN BODY FLUIDS:
Blood and other body fluids (containing HIV-1) must be thoroughly cleared from surfaces and objects before application of this product. Thoroughly wet hard surfaces with a solution of 1 ounce (30 mL) per 5 gallons of water. Completely immerse objects in the disinfecting solution, wash emulsion of all bubbles. Allow at least 10 minutes contact time.

CONTACT TIME: The contact time will not control other common types of viruses and bacteria listed on this label. Be effective against Herpes Virus, Staphylococcus aureus, E. coli. It is fungicidal against Trichophyton mentagrophytes (the athlete’s foot fungus).

To CLEAN AND DECONTAMINATE TOILET Bowls and Urinals: Flush Toilets and use 1 ounce of ZEP-I-DINE directly to toilet bowl. Brush to cover all bowl surfaces including under the rim. Allow disinfectant to remain for at least 10 minutes. Rinse thoroughly with water after rinsing the pan to remove all disinfectant residue.

SANITIZING PREVIOUSLY CLEANED FOOD CONTACT SURFACES: Susceptible previously cleaned and rinsed hard, non-porous surfaces such as glass, metal, plastic, and porcelain, with a solution containing 1 ounce of ZEP-I-DINE per 5 gallons of water. Thoroughly immerse with sanitizing solution and allow 1 minute contact time. Drain solution from equipment; do not rinse. ZEP-I-DINE acyl at 1 ounce per 5 gallons water contains 25 ppm iodophore solution and does not require a final rinse with potable water in accordance with Federal Food Additive Regulations 178.1340.

SANITIZING GLASSES, DISHWARE, POTS, PANS, AND UTENSILS IN FOOD SERVICE OPERATIONS:
1. Pre-wash or pre-scrape equipment and utensils. If needed, pre-soak to remove gross food particles and soil.
2. Rinsed and sanitized utensils in hot water that contains an adequate amount of a good detergent or cleanser. Keep this water clean by frequent changing.
3. Rinse equipment and utensils free of wash water prior to sanitization.
4. Sanitize equipment and utensils by immersing them in a solution of 1 ounce ZEP-I-DINE per 5 gallons of water that contains 25 ppm iodophore solution. Allow one minute contact time or longer if required by local sanitation codes. Fresh solution should be prepared daily or more often if the solution becomes diluted or oxidized. Use an approved iodine test kit to check for proper concentrations.
5. After required contact time, remove from water and allow equipment and utensils to adequately drain. Do not rinse before use.

HAND SANITIZING IN FOOD PROCESSING PLANTS: Thoroughly wash and rinse hands before sanitizing. Dip or rinse hands in a solution containing 1 ounce of ZEP-I-DINE per 5 gallons of water. ZEP-I-DINE may be injected directly into wash or rinse water at a rate of 1 ounce per 5 gallons of water. A final potable water rinse is not required.

USE DISCHARGE TFORM:
1 oz to 5 gallons 25 ppm
3 oz to 15 gallons 75 ppm
6 oz to 25 gallons 100 ppm

STORAGE AND DISPOSAL
Keep container closed when not in use. Do not store below 29°F or above 100°F for extended periods.

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of empty pesticide spill mixture or tank is a violation of Federal law. If these wastes cannot be disposed of by use according to directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Disposal Representative at the nearest EPA Regional Office for disposal.

CONTAINER DISPOSAL: Nonreturnable containers, do not reuse or refill this container. Triple rinse promptly after emptying.

5 GALLON CONTAINER: Triple rinse as follows: Empty the remaining contents into application equipment or a mist tank and drain for 10 seconds after the flow begins to drip. Fill the container half full with water and recirculate. Use 3 to 4 minutes before use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure for two more times. Then offer for recycling or reconditioning, or perform and dispose of in a sanitary landfill, or incinerate, or if allowed by State and local authorities, burn container if flammable, stack or bed for smoke.

CONTAINERS GREATER THAN 5 GALLONS: Triple rinse as follows: Empty the remaining contents into application equipment or a mist tank. Fill the container half full with water. Replace and close tightly. Pour container on its side and roll it back and forth, ensuring at least one complete revolution, for 10 seconds. Stand the container on its end and tip it back and forth several times. Empties into application equipment or a mist tank or store incinerate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or perform and dispose of in a sanitary landfill, or incinerate, or if allowed by State and local authorities, burn container if flammable, stack or bed for smoke.

EPA Reg. No. 4955-16-1270
EPA Est. No. 1270-6A-1

MADE IN THE USA Zep Inc. • 1310 Southard Blvd. • Atlanta, GA 30318

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5 Gallons
18.92 Liters

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