ZEPOPINE™
PINE ODOR, DISINFECTANT, CLEANER, DEODORANT
*KILLS PSEUDOMONAS, SALMONELLA AND STAPHYLOCOCCUS
**KILLS INFLUENZA AND HERPES VIRUSES

ACTIVE INGREDIENTS:
Pin Oil................................................................. 7.90%  
Alyl (C24:4 58%; C26:2 29%; C28:1 14%) dimethyl benzylammonium chloride.................. 3.95%  
OTHER INGREDIENTS: ........................................ 88.15%  
TOTAL: .......................................................... 100.00%  

EPA Reg. No. 6838-168-1270 
EPA Est. No. 1270-GA-1

Zepopine is effective against a wide variety of gram-positive and gram-negative bacteria. It is an excellent deodorant and is especially effective in controlling odors that are bacterial in origin. Zepopine mixes with water to form clear, stable use solutions. Has a pleasant pine odor. Zepopine may be used through automatic floor scrubbing equipment. Use Zepopine on washable hard nonporous surfaces: floors, walls, cabinets, counters, sieves, sinks, appliances, microwave ovens, refrigerators, high chairs, tables, picnics tables, outdoor furniture, chairs, desks, telephones, door knobs, garbage cans, bathtubs, shower stalls, shower wall, glass shower doors and glazed tiles, mirrors, toilets, toilet bowls, toilet bowl surfaces, chrome fixtures, other bathroom fixtures, and hard nonporous surfaces made of metal, stainless steel, chrome, glazed porcelain, glazed ceramic, porcelain, tile, fiberglass and plastic (such as polystyrene and polyethylene). Enamelled surfaces, finished woodwork, vinyl and plastic upholstery. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamels, tile, and most common metals.

Zepopine is effective as a 0.3 oz. per gallon of water against Pseudomonas aeruginosa PRD-1, Salmonella enterica ATCC 10708, and Staphylococcus aureus ATCC 6538 when tested by the AOAC Use Dilution Test Method for precleaned, hard nonporous surfaces.

*Zepopine is an effective virucide at 0.3 oz. per gallon of water against Herpes Simplex Virus Type 2 and Influenza Virus Type A/Brazil. Kills Pseudomonas 2019 H1N1 influenza A virus (formerly called swine flu).

KEEP OUT OF REACH OF CHILDREN
DANGER
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER. CORROSIVE. Causes irreversible eye damage and skin burn. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Wear protective eyewear (goggles, face shield or safety glasses) protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.
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.
Call a poison control center or doctor for treatment advice. Have the container or label with you when calling a Poison Control Center or doctor or going for treatment.

ENVIRONMENTAL HAZARDS
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 sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.
Pesticide Disposal: Pesticide wastes are acutely hazardous, improper disposal of excess pesticides, spray mixture or rinseate is a violation of Federal Law. These wastes cannot be disposed of by use according to label instructions, 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. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinseate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

MADE IN USA
Zep Inc.
1110 Seaboard Inc. Blvd
Atlanta, GA 30318

PROD. #1834
0312G
v021012

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Net Contents: gallons

DIRECTIONS FOR USE:
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

APPLICATION INFORMATION
Select the proper use-dilution of Zepopine from the directions below.
Apply the use solution with a clean mop, sponge, cloth, squeegee or mechanical scrubber. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action. Wipe dry with a clean cloth or sponge or allow to air dry.
 Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use this product on utensils, glassware and dishes.
 Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled.

CLEANING:
To Clean and Deodorize or to Pre-Clean Prior to Disinfection: Depending on the soil level of the area to be cleaned, use 2 to 6 oz. of Zepopine per gallon of water.

DISINFECTING:
Hospitals, Healthcare Facilities (clinics), Nursing Homes: Use 3% oz. of Zepopine per gallon of water (1 part to 33 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, pre-clean as described above and then disinfect with 3 oz. of Zepopine per gallon of water (1 part to 11 parts water).
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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.
Schools, Industrial Areas, Barber Shops, Restrooms, Restaurants, Food and Meat Processing Plants (nonfood, processing areas), Public Rooms, Other Non-Medical use sites: Pre-clean surfaces, then disinfect with a solution of 2 oz. of Zepopine in one gallon of water (1 part to 63 parts water). Alternatively, clean and disinfect in one operation using 3% oz. of Zepopine per gallon of water (1 part to 33 parts water).

DEODORIZING: Garbage cans, garbage trucks, industrial waste receptacles and garbage handling equipment, it is especially important to pre-clean for the product to perform properly. Then apply a wetting concentration of 3 oz. of Zepopine per gallon of water.

FOR MILDEW CONTROL: Follow directions for hospital disinfection. Repeat treatment every seven days, or more often if new growth appears.

TOILET BOWL/URINAL DISINFECTANT AND CLEANER DIRECTIONS:
Empty toilet bowl or urinal and apply a 3% oz. solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, allow to stand for 10 minutes and flush.

VETERINARY PRACTICE/ANIMAL CARE/ANIMAL LABORATORY/ZOO/SPET SHOP/KENNELS
DISINFECTION DIRECTIONS:
For cleaning and disinfecting the following hard nonporous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, etc. Remove all animals and feed to premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 3% oz. of Zepopine per gallon of water (1 part to 33 parts water) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

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