



**State of West Virginia
Department of Administration
Purchasing Division**

NOTICE

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.

Austin's / Sunbrite 0.2540

Line # 2

LINK LIBRARY FOR LABORATORIES, HOSPITALS & OTHER INSTITUTIONS
Dilution Rates – 10:1, 9:1, 10%, 5.25%, 5,000 ppm

Understanding Common Dilution Rates of Sodium Hypochlorite Bleach Disinfectant Solutions

The professional attempting to disinfect hard surfaces with standard sodium hypochlorite bleach faces a confusing and seemingly contradictory array of percentages and dilution ratios. Diluted bleach is widely recommended as a general laboratory and hospital surface disinfectant; however, the protocol to prepare a 10% solution starting with 5.25% bleach to end up with 5,000 ppm available chlorine can leave technicians somewhat befuddled. It only adds to the confusion when the industry simultaneously refers to this bleach protocol as 10%, 10:1, 9:1, 1:10, 1:9, 5,000 ppm, 5.25%, 5 g/l, or sometimes simply *diluted bleach*.

The puzzle is solved by first considering parts-per-million instead of percentages or ratios. For an effective and affordable surface disinfectant in laboratory and healthcare settings, the CDC and other authorities recommend the use of household bleach diluted to approximately 5,000 parts-per-million (ppm) available chlorine [1,2]. Stock household bleach is 5.25% sodium hypochlorite equal to approximately 50,000 ppm available chlorine; therefore, it must be diluted to 10% with water (or expressed as a ratio, 9 parts water to 1 part bleach) to arrive at the recommended 5,000 ppm strength [3].

If you are wondering how the reference to a 10:1 bleach solution relates – it is based on the common misconception that 10% equates to the ratios 10:1 or 1:10.

Start with:	% Sodium hypochlorite	Available Chlorine
Regular household bleach	5.25% NaChl	50,000 ppm AvChl
Dilute 1 part bleach to 9 parts water for a: 10%, 10:1, 1:10, 9:1, 1:9, or 5 g/l solution	0.525% NaChl	5,000 ppm AvChl

References with web links:

1. *Studies have shown that HIV is inactivated rapidly after being exposed to commonly used germicides at concentrations that are much lower than used in practice. In addition to commercially available chemical germicides, a solution of sodium hypochlorite (household bleach) prepared daily is an inexpensive and effective germicide. Concentrations ranging from approximately 500 ppm (1:100 dilution of household bleach) sodium hypochlorite to 5,000 ppm (1:10 dilution of household bleach) are effective depending on the amount of organic material (e.g., Blood, mucus) present on the surface to be cleaned and disinfected.* (U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Biosafety Branch, *Recommendations for Prevention of HIV Transmission in Health-care Settings*, MMWR 1987;36(2S): p10S)
<http://www.cdc.gov/od/ohs/biosfty/bleachiv.htm>

2. *Chlorine compounds are probably the most widely used disinfectants in the laboratory. You can easily prepare an inexpensive, broad-spectrum disinfectant by diluting common household bleach... In the case of large or concentrated spills of infectious agents, a higher level of chlorine is needed to be effective in destroying microorganisms. Use a 10:1 dilution (5,000 ppm of free chlorine) and flood the contaminated area with the solution. Alternatively, you can mix the disinfectant with the spilled material. This higher concentration is more suitable for porous surfaces that may harbor organisms in tiny cracks or pits. Make the solution fresh each day.* (Northwestern University *Laboratory Safety Manual*, Page 9, Section 7.5.1: Sterilization, Disinfection, and Decontamination).
www.research.northwestern.edu/ors/labsafe/index.htm

3. *Special Pathogens Branch recommends a 10% bleach solution be used to inactivate hantaviruses. A 10% solution corresponds to 1 and a half cups of household bleach per gallon of water, or 1 part bleach to nine parts water.* <http://www.cdc.gov/ncidod/diseases/hanta/hps/noiframes/bleach.htm>

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Line #3

Zep FS AMINE Z™

DISINFECTANT • SANITIZER • VIRUCIDE*

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride	3.0%
Dodecyl Dimethyl Ammonium Chloride	1.5%
Dioctyl Dimethyl Ammonium Chloride	1.5%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) dimethyl benzyl ammonium chloride	4.0%
INERT INGREDIENTS	90.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER • PELIGRO

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. 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 clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.
Do not mix with oxidizers, anionic soaps and detergents.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
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 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. Call a poison control center 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 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 mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and aquatic invertebrates. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

This product is for use as a disinfectant on hard, non-porous surfaces at 450 ppm active and as a sanitizer on dishes, glassware and utensils, public eating places, dairy processing equipment, and food processing equipment and utensils at 150-400 ppm active.

DIRECTIONS FOR USE

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

Before use as a sanitizer, food products and packaging materials must be removed from the room or carefully protected. Prior to application, remove gross food particles and soil by a pre-flush or pre-scrub and when necessary, pre-rinse. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

FOOD CONTACT SANITIZING PERFORMANCE: At 1 ounce of this product per 4 gallons of water (200 ppm active), this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water calculated as CaCO₃ according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test:

Aeromonas hydrophila	Enterobacter sakazakii	Shigella sonnei
Campylobacter jejuni	Listeria monocytogenes	Staphylococcus aureus
Clostridium perfringens-vegetative	Klebsiella pneumoniae	Staphylococcus aureus Methicillin Resistant
Escherichia coli	Salmonella enterica	Streptococcus pyogenes
Escherichia coli O157:H7	Salmonella enteritidis	Yersinia enterocolitica
Escherichia coli O111:H8	Salmonella typhi	
Enterococcus faecalis/Vancomycin resistant	Shigella dysenteriae	

At 0.75 ounce of this product per 4 gallons this sanitizer fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Services in waters up to 500 ppm of hardness calculated as CaCO₃ when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

FOOD CONTACT SANITIZING DILUTION GUIDE

To prepare a 150, 200, 300 or 400 ppm active solution use the following dilution table. Prepare the correct dilution rate based upon the appropriate use site.

Active Solution	1 gallon	4 gallons	10 gallons	20 gallons
150 ppm	0.19 ounce	0.75 ounce	1.92 ounces	3.84 ounces
200 ppm	¼ ounce	1.0 ounce	2½ ounces	5.0 ounces
300 ppm	0.375 ounce	1½ ounces	3¾ ounces	7½ ounces
400 ppm	½ ounce	2.0 ounces	5.0 ounces	10.0 ounces

SANITIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD NONPOROUS FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS, MEAT PLANTS, DAIRIES, BAKERIES, CANNERIES, BEVERAGE PLANTS, RESTAURANTS AND BARS DIRECTIONS: For sanitizing precleaned food processing equipment, dairy equipment, food utensils, dishes, silverware, eating utensils, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard, non-porous food contact surfaces, apply use solution of 0.75 to 2 ounces of this product per 4 gallons of water (150-400 ppm active) with a cloth, brush, sponge, mop, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion, thoroughly wetting surfaces. For spray applications, spray 6 to 8 inches from surface. Do not breathe spray. Rub with brush, sponge, or cloth. Dishes, silverware, glasses, cooking utensils, eating utensils and other similar size food processing equipment must be sanitized by immersion in a 0.75- to 2- ounces of this product per 4 gallons of water use solution of this product (150-400 ppm active). Surfaces must remain wet for at least 60 seconds. Allow sanitized surfaces to adequately drain before contact with food. **NO POTABLE WATER RINSE IS ALLOWED** following the use of this product as a sanitizer on previously cleaned hard, non-porous surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications.

DIRECTIONS FOR FOGGING IN DAIRIES, BEVERAGE AND FOOD PROCESSING PLANTS: Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After cleaning, fog desired areas using 1 quart per 1000 cubic feet of room area with a solution containing 1.5 ounces of product to 1 gallon of water (1,200 ppm active). Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer solution of 150-400 ppm active, 0.75-2 ounces of this product to 4 gallons of water, prior to use. All food contact surfaces must be thoroughly rinsed prior to reuse with potable water. Note: The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.

GLOVE DIP SANITIZER DIRECTIONS: To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants, dip pre-washed plastic, latex or other synthetic rubber non-porous gloved hands into a suitable clean container that contains enough freshly made sanitizing solution to cover the gloved area for at least 60 seconds. Make up the sanitizing solution by adding 0.75-2 ounce of this product per 4 gallons of water (150-400 ppm active). **NO POTABLE WATER RINSE IS ALLOWED.** Change the sanitizing solution in the bath at least daily or when solution appears visibly soiled. Do not let sanitizing solution come in contact with exposed skin.

SHOE/BOOT BATH SANITIZER DIRECTIONS: To prevent cross contamination from area to area in animal areas, and the packaging and storage areas of food plants, shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape water proof shoes and place in a 1-ounce of this product per 4 gallons of water (150 ppm active) use solution for 3 minutes prior to entering area. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use this product to clean or disinfect glassware, utensils, dishes or other surfaces of appliances.

DISINFECTATION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Households, Zoos, Restaurants, Food Services, Beverage, Food Processing Plants and Other Non-Medical Facilities): At 3 ounces of this product per 5 gallons of water use level and with a 10 minute contact time, this product is bactericidal according to the AOAC Use Dilution Test method on hard non-porous surfaces modified in the presence of 5% organic serum against:

Campylobacter jejuni	Salmonella enterica serovar agona
Clostridium perfringens-vegetative	Salmonella enterica serovar anatum
Corynebacterium ammoniagenes	Salmonella enterica serovar infantis
Escherichia coli O157:H7	Salmonella enterica serovar Newport
Enterococcus faecium/Vancomycin Resistant (VRE)	Salmonella enterica serovar typhimurium
Not for use in California,	Salmonella typhi
Enterococcus faecium/Ciprofloxacin Resistant	Shigella sonnei
Not for use in California,	Staphylococcus aureus
Enterococcus faecium/Penicillin-G Resistant	Staphylococcus aureus Methicillin Resistant
Klebsiella pneumoniae	Community Associated Methicillin Resistant
Listeria monocytogenes	Staphylococcus aureus (CA-MRSA)
Pseudomonas aeruginosa	Streptococcus equi
Rhodococcus equi	Burkholderia cepacia
Salmonella enterica	

VIRUCIDAL* PERFORMANCE: At 3 ounces of this product per 5 gallons of water use level (450 ppm active), this product was evaluated with a 10-minute contact time in the presence of 5% blood serum and found to be effective against the following viruses on hard, non-porous surfaces:

Avian influenza A H5N1 virus	Herpes Simplex Type 2 virus	Influenza A2/Hong Kong virus H3N1
Avian influenza/Turkey/Wisconsin virus	Human Coronavirus	Influenza A2/J306 virus
Herpes Simplex Type 1 virus	Influenza A H1N1 virus	Vaccinia virus

***FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1 VIRUS:** For use in homes, hospitals, hotels, motels, schools and other non-animal use sites, follow the PREPARATION OF DISINFECTANT/VIRUCIDAL* USE SOLUTION DIRECTIONS. For use in animal housing facilities, follow the SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS in the Animal Premise Section.

PREPARATION OF DISINFECTANT/VIRUCIDAL* USE SOLUTION: For heavily soiled areas, a preliminary cleaning is required. Add 3 ounces of this product to 5 gallons of water (450 ppm active) to disinfect hard non-porous surfaces. Apply use solution using a brush, cloth, mop, sponge, auto scrubber, or mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Rinse all treated surfaces that come in contact with food such as counters, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly soiled.

***VIRUCIDAL PERFORMANCE:** For heavily soiled areas, a preliminary cleaning is required. Apply 3 ounces of this product per 5 gallons of water (450 ppm active) to surfaces, thoroughly wetting with a brush, cloth, mop, sponge, auto scrubber or mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated hard, non-porous surfaces must remain wet for 10 minutes. Rinse, change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly soiled.

ANIMAL PREMISES: Prior to use of this product, cover or remove all food and packaging material before disinfection and remove all animals and feeds from premises, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: At a 3-ounce per 5 gallons of water use level (450 ppm active), this product was evaluated and found to be effective in the presence of 5% blood serum and with a 10-minute contact time against the following viruses on hard, non-porous surfaces:

Avian Influenza A H5N1 virus	Infectious Laryngotracheitis virus
Avian influenza/Turkey/Wisconsin virus	Newcastle disease virus
Canine Distemper virus	Porcine Respiratory 3 Reproductive Virus (PRRSV)
Canine Coronavirus	Porcine Rotavirus
Equine Influenza A H3N8 virus	Pseudorabies virus
Equine Herpes Virus Type 1	Transmissible Gastroenteritis virus (TGE)
Infectious Bovine Rhinotracheitis virus (IBR)	

***SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A H5N1 VIRUS:** Apply the disinfecting solution of 3 oz per 5 gallons of water (450 ppm active) to all hard nonporous surfaces and allow to remain wet for a period of 10 minutes. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals as well as forks, shovels, and scrapers used in removing litter and manure. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

DISINFECTANT/VIRUCIDE* OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, LIVESTOCK FARMS, EQUINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS: Apply 3 ounces of this product per 5 gallons of water (450 ppm active) to hard nonporous surfaces. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device, hand pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. After application, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated equipment which may contact food and water with soap or detergent and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly soiled.

HATCHERIES: Use 3 oz. of this product per 5 gallons of water use solution. Apply to hard, non-porous surfaces such as hatcher trays, trays, racks, egg flats, walls, floors, ceilings, chickboxes, egg cases, trash containers, carts, sewing tables, delivery trucks, vans and other hard non-porous surfaces. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Leave all treated surfaces wet for 10 minutes or more. Rinse treated surfaces with potable water before reuse. Allow surface to air dry. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If 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.
5 GALLON CONTAINER DISPOSAL/PESTICIDE STORAGE/RESIDUE REMOVAL: Non-refillable container. Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seeds, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Triple-rinse its linkage. Fill container full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Empty container and put in trash or offer for recycling if available.
>5 GALLON CONTAINERS - PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
CONTAINER DISPOSAL: Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. **RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Agitate vigorously or recirculate water for 30 seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Follow Pesticide Disposal Instructions for rinsate disposal. Repeat this procedure two more times.
EPA REG. NO. 10324-117-1270 EPA EST. NO. 1270-GA-1

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PROD. #1700
911H
V.070811

5 Gallons
18.92 Liters

1234567 2020



#170035



Apriza 2

• LEMONGRASS FRAGRANCE

- Oxidizing multi purpose cleaner, degreaser & sanitizer (non-food contact surfaces)
- Deodorizer for hard, non-porous surfaces

Line #4

PROD. #1251
1012D
V.100512

ACTIVE INGREDIENTS:

Hydrogen Peroxide	7.50%
n-Alkyl (60%C ₁₄ , 30%C ₁₆ , 5%C ₁₂ , 5%C ₁₈)	
Dimethyl Benzyl Ammonium Chloride	0.60%
n-Alkyl (68%C ₁₂ , 32%C ₁₄)	
Dimethyl Ethylbenzyl Ammonium Chloride	0.60%
OTHER INGREDIENTS:	91.30%
Total:	100.00%

DIRECTIONS FOR USE

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

This product when used as directed as a sanitizer, kills 99.9% of the following in 5 minutes at room temperature (21°-23° C): Campylobacter jejuni, Listeria monocytogenes, Staphylococcus aureus, Salmonella choleraesuis, Klebsiella pneumoniae, Enterococcus faecalis, Escherichia coli, Herpes Simplex Virus Type 2, and Influenza A.

To insure that all bacterial and viral agents are killed as stated, use 5 oz of product concentrate per gallon of water.

General Cleaning: Using the appropriate cleaning solution for the type of surface to be treated, thoroughly clean the surface, allow to air dry. If needed use additional solution. Replace solution daily.

Sanitizing: To use as a sanitizer on inanimate, hard non-porous surfaces Add 5 oz of product concentrate per gallon of water. Apply the solution liberally to pre-cleaned hard surfaces, with a spray bottle, cloth, sponge or mop. Allow surface to remain wet for 5 minutes, then, either allow to air dry or wipe dry to remove excess liquid.

Heavily soiled surfaces should be pre-cleaned with the same solution. Replace solution daily.

To use as a sanitizer in bathrooms Add 5 oz of product concentrate per gallon of water for sinks, faucets, counters, urinals, toilets and all hand contact surfaces as well as walls, stalls and floors where urine and soils build up. Replace solution daily.

Deodorizing

For general deodorizing, use 1 part product to 128 parts water (1 oz / gallon). Apply to hard, non-porous surfaces to eliminate generally offensive odors. For effective, high level, deodorizing, use 5 oz per gallon (1:25). Apply to hard, non-porous surface thoroughly to eliminate odors due to spillage from post-colostomy, post ileostomy dressing and bag changes, and other spills such as urine or fecal matter: smoke or soot deposits, industrial plant processes, mildew and mold, and surfaces in musty closets.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE

Store in original container in areas inaccessible to children. Do not reuse empty container.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If 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. Offer for recycling, if available.

Triple rinse container promptly after rinsing.

CONTAINERS EQUAL TO 5 GALLONS: Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill.

CONTAINERS GREATER THAN 5 GALLONS: Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose of in a sanitary landfill.

EPA REG. NO. 1270-257

EPA EST. No. 1270-GA-1

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear safety glasses or other eye protection and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

FIRST AID

IF IN EYES: Hold eye open. Rinse slowly with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then, continue rinsing eye. Call a 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 to 20 minutes. Call a poison control center 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move victim to fresh air. If not breathing, call 911 or an ambulance, then, give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 877-541-2016 for emergency medical treatment.

ENVIRONMENTAL HAZARDS

This product is toxic to fish.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless 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 guidance, contact your State Water Board or Regional Office of the EPA.

For use in: Bathrooms, Shower and bath areas, Hotels, Motels, Institutional Kitchens, Office Buildings, Schools, Nurseries, Day care centers, Nursing Homes, Exercise facilities, Health clubs, Locker rooms, Waste Management facilities, Transportation terminals, Institutional facilities, Public facilities, Animal laboratories, Kennels, Veterinarian facilities.

CLEANING SOLUTION DILUTION & APPLICATIONS

LIGHT DUTY (1/2 oz per gal (1:256))

- Streak free window, mirror and stainless steel cleaning
- General floor cleaner for mopping & auto scrubbers
- Bonnet cleaning solution for carpets
- Light wipe down cleaner

HEAVY DUTY (5 oz per gal (1:25))

- Bathroom, shower room, tile & grout cleaner
- Urine and garbage odor eliminator
- Pre-spray for carpet extraction
- General degreaser
- Heavy soil wipe down cleaner
- Heavy carpet spot remover
- Cleans mold & mildew

GENERAL PURPOSE (1 oz per gal (1:128))

- General wipe down cleaner
- Mopping solution for Bathroom and Kitchen floors
- General carpet spot remover

MADE IN USA by:
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318



NET CONTENTS:

**5 Gallons
18.92 Liters**

1234567 2020



#125135

9901234567000000125135



DZ-7

NEUTRAL DISINFECTANT CLEANER

- CLEANER • DETERGENT • DEODORIZER
- MILDEWSTAT (on hard, nonporous, inanimate surfaces)

- DISINFECTANT • *VIRUCIDE
- FUNGICIDE (against pathogenic fungi)

PROD. #7520
0911E
V.101310

Line #3
10, 11, 15, 43,
58

Net
Contents: **5**
gallons

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride.....	0.814%
Diocetyl dimethyl ammonium chloride.....	0.407%
Didecyl dimethyl ammonium chloride.....	0.407%
Alkyl (50% C ₁₂ , 40% C ₁₂ , 10% C ₁₄) dimethyl benzyl ammonium chloride.....	1.085%
INERT INGREDIENTS:	97.287%
Total.....	100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if absorbed through skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco

FIRST AID

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

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. 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 the 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 poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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.

This product is a phosphate-free, pH neutral formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, schools, transportation terminals, office buildings, manufacturing facilities, lodging establishments, hotels, retail business, and athletic/recreation facilities, where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.

This product, when used as directed, is formulated to disinfect the following hard non-porous inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, vanity tops, shower stalls, bathtubs, and cabinets. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms. This product is formulated

to a neutral pH and will not dull high-gloss floor finishes with repeated use.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is not for use on critical and semi-critical medical device surfaces.

DISINFECTION: To disinfect inanimate, hard non-porous surfaces add 4 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For sprayer applications, spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect toilet bowls: Remove gross filth or soils from surfaces with bowl brush. Add 4 ounces of product to the bowl water. Brush or swab the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

BACTERICIDAL ACTIVITY: At the 4 ounce per gallon dilution, this product demonstrates effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis enterica*, *Staphylococcus aureus*, *Staphylococcus aureus* (clinical isolate), *Bordetella bronchiseptica*, *Corynebacterium ammoniagenes*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Enterobacter cloacae* (clinical isolate), *Enterococcus faecalis*, *Enterococcus faecalis* (clinical isolate), *Escherichia coli*, *Escherichia coli* (clinical isolate), *Fusobacterium necrophorum*, *Klebsiella pneumoniae* subsp. *pneumoniae*, *Lactobacillus casei* subsp. *rhamnosus*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus vulgaris*, *Proteus mirabilis* ATCC 9921, *Proteus mirabilis* ATCC 25933, *Salmonella paratyphi B enterica*, *Salmonella typhi enterica*, *Salmonella typhimurium enterica*, *Salmonella pullorum enterica*, *Serratia marcescens*, *Shigella sonnei*, *Shigella flexneri* type 2b, *Shigella dysenteriae*, *Staphylococcus aureus* subsp. *aureus*, *Staphylococcus epidermidis*, *Staphylococcus epidermidis* (clinical isolate), *Streptococcus pyogenes* (Clinical - Flesh Eating) Strain (BIRD M3), *Streptococcus pyogenes* Group A, *Xanthomonas maltophilia* (clinical isolate), Vancomycin resistant *Enterococcus faecalis* (VRE), Methicillin resistant *Staphylococcus aureus* (MRSA), and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).

FUNGICIDAL ACTIVITY: At the 4 ounce per gallon dilution, this product is fungicidal against the pathogenic fungi *Trichophyton mentagrophytes* (Athlete's foot fungus) and *Candida albicans*. Apply solution with a cloth, sponge or hand-pump trigger sprayer to hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard non-porous surfaces commonly contacted by bare feet. Allow the surface to remain wet for 10 minutes, then remove excess liquid. Diluted product should be applied daily or more frequently with heavy facility use.

***VIRUCIDAL ACTIVITY:** This product when used on environmental, inanimate, hard, non porous surfaces exhibits effective virucidal activity against HIV-1, HIV-2, Hepatitis B virus (HBV), Hepatitis C virus (HCV), Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital), Influenza A2/Hong Kong, Vaccinia, Rotavirus, Human Coronavirus, SARS associated Coronavirus, Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus, Canine Distemper Virus, Rabies Virus. Add 4 ounces of the product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid. Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu).

KILLS HIV-1, HIV-2, HBV, AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/ OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 or Type 2 associated with AIDS, Hepatitis B virus (HBV), and Hepatitis C virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HIV-2, HBV, AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, and eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND *VIRUCIDE AGAINST THE LISTED ORGANISMS IN WATER UP TO 400 PPM HARDNESS AS CaCO₃ IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM). THIS PRODUCT IS AN EFFECTIVE FUNGICIDE AGAINST THE LISTED FUNGI IN WATER UP TO 200 PPM HARDNESS AS CaCO₃ IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

GENERAL CLEANING: Apply this product to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. This product can be diluted at 4 ounces per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary.

DEODORIZATION: To deodorize, apply this product as indicated under the heading DISINFECTION.

MILDEWSTAT: To control mold and mildew (*Aspergillus niger*) and the odors they cause on pre-cleaned, hard, non-porous inanimate surfaces add 4 ounces of this product per gallon of water. Apply solution with a cloth, mop, sponge or hand pump trigger sprayer making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in an area inaccessible to children.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

5 GALLON CONTAINER - Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

CONTAINERS GREATER THAN 5 GALLONS - Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If 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.

EPA REG. NO. 1839-168-1270

EPA EST. No. 1270-GA-1(1) or 1270-TX-1(2)

Postscript is first number of batch code on container

MADE IN USA
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zep.com



<<<<barcode>>>> 7520

ZEPOPINE™

PINE ODOR, DISINFECTANT, CLEANER, DEODORANT

*KILLS PSEUDOMONAS, SALMONELLA AND STAPHYLOCOCCUS

**KILLS INFLUENZA AND HERPES VIRUSES

ACTIVE INGREDIENTS:

Pine Oil	7.90%
Alkyl (C ₁₄ , 58%; C ₁₆ , 28%; C ₁₂ , 14%) dimethyl benzyl ammonium chloride	3.95%
OTHER INGREDIENTS:	88.15%
TOTAL:	100.00%

EPA Reg. No. 6836-168-1270

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, stoves, sinks, appliances, microwave ovens, refrigerators, high chairs, tables, picnic tables, outdoor furniture, chairs, desks, telephones, door knobs, garbage cans, bathtubs, shower stalls, shower walls, glass shower doors tubs and glazed tiles, urinals, 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, linoleum, sealed stone, fiberglass and plastic (such as polystyrene and polypropylene) enameled surfaces, finished woodwork, vinyl and plastic upholstery. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals.

*Zepopine is effective at 3 oz. per gallon of water against Pseudomonas aeruginosa PRD-10, Salmonella enterica ATCC 10708, and Staphylococcus aureus ATCC 6538 when tested by the AOAC Use Dilution Test Method for pre-cleaned, hard nonporous surfaces.

**Zepopine is an effective virucide at 3 oz. per gallon of water against Herpes Simplex Virus Type 2 and Influenza Virus Type A/Brazil.

Kills Pandemic 2009 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 burns. 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 product container or label with you when calling a Poison Control Center or doctor or going for treatment.

ENVIRONMENTAL HAZARDS

This product is toxic to fish.

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.

DIRECTIONS FOR USE:

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

Line # 16

PROD. #1834
811H

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 3¼ 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, preclean as described above and then disinfect with 3 oz. of Zepopine per gallon of water (1 part to 41 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: Preclean 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 3¼ 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 8 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 3¼ oz./gal. use-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/ZOOS/PET 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, catteries, etc. Remove all animals and feeds from 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 3¼ 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.

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 pesticide, spray mixture or rinsate is a violation of Federal Law. If 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: Non refillable container. Do not reuse or refill this container. Clean container promptly after emptying.

Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate 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 of in accordance with local, state, and federal regulations.

MADE IN USA
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zep.com



<<<barcode>>> 1834

5

Net
Contents: gallons

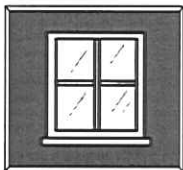
Line #18

ZDS

ZDS



Prod #1052 • 511C



CONCENTRATED GLASS CLEANER

LIMPIADOR DE VIDRIOS CONCENTRADO

WARNING • ATENCION

KEEP OUT OF REACH OF CHILDREN

FLAMMABLE
CAUSES EYE IRRITATION

MANTENGA ESTE PRODUCTO FUERA DEL ALCANCE DE LOS NIÑOS

INFLAMABLE
CAUSA IRRITACION A LOS OJOS

See Side Panels For Additional Precautionary & First Aid Statements.

NET CONTENTS: 1 Gallon (3.78 L)

BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

Specifically formulated for economical dilution with water. Only four ounces per gallon of water cleans all glass and Plexiglas™ surfaces. Ideal for mirrors, display cases, vending machines, and electronic games. Use as light-duty cleaner on all surfaces not harmed by water including Formica™, stainless steel, chrome, enamel, ceramic tile, and plastic. Will not streak or haze.

- DIRECTIONS:**
1. Prepare solution by adding a four-ounce measuring cup of concentrate to one gallon of water. Can also be dispensed through a proportioner preset to mix four ounces per gallon of water.
 2. Clean surrounding trim-work first to prevent later spreading of soils to glass.
 3. Apply solution to surface as a damp spray, or with a brush, cloth, or sponge.

CONCENTRATED GLASS CLEANER may also be foamed onto surfaces.

TO CLEAN WITH A SQUEEGEE — Wipe CONCENTRATED GLASS CLEANER from glass, using a series of overlapping passes with squeegee blade, working from top to bottom.

TO CLEAN WITH CLOTH OR SPONGE — Using absorbent cloth or sponge, thoroughly wipe the glass to remove soils. Be sure to turn cloth or sponge often to expose clean surface and to avoid spreading soils. On extremely dirty surfaces, a second clean cloth or sponge may be needed to dry the surface and to prevent streaking.

NOTE: DO NOT use on video projection screens.

WARNING • ATENCION

FLAMMABLE • INFLAMABLE

CAUSES EYE IRRITATION • CAUSA IRRITACION A LOS OJOS

Causes eye irritation. May cause skin irritation. Inhalation of spray mists or vapors may cause respiratory tract irritation. DO NOT swallow this product. Avoid breathing vapors or spray mist. Harmful if swallowed - can enter lungs and cause damage. Exposure may aggravate existing skin or respiratory disorders. Overexposure by inhalation may cause central nervous system depression resulting in headache, nausea, and/or dizziness. Chronic exposure may cause central nervous system, kidney and liver damage. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request from your employer. Zep advocates limiting exposure to all chemical products. Zep recommends wearing safety glasses during product use. Wear natural rubber, neoprene, nitrile, or other resistant gloves under conditions of prolonged use or exposure. Use product in well-ventilated areas only. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Flush affected skin with plenty of water. Consult a physician if irritation develops.

INHALATION: If symptoms occur, move exposed person to fresh air. If symptoms persist, get medical attention.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If vomiting occurs, have person lean forward. If affected person is conscious give plenty of water to drink. Never give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Zorbent, and deposit in a sealable container. Thoroughly clean area with detergent solution and rinse well with water.

FLAMMABLE: KEEP AWAY FROM HEAT, SPARK, OPEN FLAME, OR ANY SOURCE OF IGNITION.
STORAGE: Keep this product away from food and food products. Store tightly closed container in dry area at temperatures between 40°F (4°C) and 120°F (49°C). Store in a cool area away from direct sunlight. Keep container tightly-closed at all times when not in use to decrease evaporation of volatile liquids.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

MANTENGA ESTE PRODUCTO FUERA DEL ALCANCE DE LOS NIÑOS
PARA USO INDUSTRIAL E INSTITUCIONAL SOLAMENTE
NO PARA USO HOGAREÑO NI PARA REVENTA

AL USUARIO: Si está leyendo inglés, revise este producto hasta que la etiqueta le haya sido explicado completamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

Contains: Water; 7732-18-5 (Ethanol); 64-17-5 (Ammonium lauryl sulfate); 7235-54-3; Tetrasodium EDTA 64-02-3



MADE IN USA by
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zep.com



W012

Line # 27

BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

Liquid waste digester containing non-pathogenic bacteria cultures, developed for high rate grease digestion. When injected at regular intervals using the Zep Drain Guard Automatic Pumping System, bacterial strains in Zep Odorless LBA work at an accelerated rate to digest laundry detergents, tissue paper, fats, oils, grease and other organic matter. This BIOTREATMENT maintains efficient free-flowing drains, grease traps, interceptors, septic tanks, drain fields, ponds, lagoons and holding tanks. Zep Odorless LBA and Zep Drain Guard are used in compliance with local Sewer District F.O.G. Programs when used as part of a solid waste disposal plan.

No acidic or caustic ingredients. Zep Odorless LBA will not harm plumbing or the natural digestive action of waste systems and is much less hazardous to use than standard products.

Provides residual activity in drains; bacteria actually establish colonies. These colonies are inactive until wastes enter the drain. Then, they "spring into action" and biochemically degrade the waste material so that it will flow smoothly through the system. Zep Odorless LBA may be used in conjunction with Zep Bio Boost for enhanced biological activity and performance.

Zep Odorless LBA does not generate objectionable odors. Destroys hydrogen sulfide, the source of "rotten egg odor." Zep Odorless LBA is formulated as a preventive maintenance tool and not as an emergency measure to unstop clogged drains. For treating clogged drains, see your Zep Rep.

The organisms in Zep Odorless LBA for high-rate grease digestion are covered under patents 5,280,747; 5,910,143; 4,800,158; 4,870,012; 7,341,863 B2.

DIRECTIONS:
DRAINS IN KITCHENS, LAUNDRY, BATH, TOILET:

AMOUNT	FREQUENCY
2 oz. per 1/2 inch drain diameter	Twice per week or as needed

GREASE TRAPS: For best results initiate treatment after grease trap has been cleaned/pumped and system has good flow. If system has partial obstruction and a clean out is not preferred or possible, eliminate the obstruction of grease with Zep Bio Orange before initiating treatment with Zep Odorless LBA.

NOTE:
1. Addition must be into drains leading to grease trap (not directly to grease trap) to ensure sufficient dispersion and dwell time.
2. Addition must be concentrated during periods of moderate to low activity when minimum effects from hot water, sanitizer from dishwashing, etc. are expected.

AMOUNT	FREQUENCY
16-30 oz.	Daily

SEPTIC TANKS:	FREQUENCY
up to 500 gal. - 1 - 2 pints	Weekly
500 to 3000 gal. - 1 - 2 quarts	Weekly
above 3000 gal. - 1-1/2 - 3 quarts	Weekly

AMOUNT	FREQUENCY
1 gal. per million gal. of water in containment	Daily

WARNING!
¡ADVERTENCIA!

CAUSES EYE IRRITATION - CAUSA IRRITACION A LOS OJOS

Concentrate can cause skin and severe eye irritation or inflammation. DO NOT swallow this product. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request.

Zep advocates limiting exposure to all chemical products. Wearing safety glasses is recommended, especially for contact lens wearers. The use of rubber, neoprene, nitrile or other resistant gloves is strongly recommended for prolonged use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Flush affected skin with plenty of water. Consult a physician if irritation develops.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, or where permitted, to a sanitary sewer (consult local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Zorbent, and deposit in a sealable container. Rinse area well with water.

STORAGE: Keep this product away from food and food products. Store tightly closed container in dry area at temperatures between 40°F (4°C) and 120°F (49°C).
Product contains live Microorganisms.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE


PRECAUCION
AL USUARIO: Evitar el uso en áreas de uso común. Este producto puede causar irritación a los ojos y debe evitarse el contacto con la piel. Evitar la ingestión. Mantener fuera del alcance de los niños. Si se usa en un área industrial o institucional, se debe seguir las instrucciones de uso. No usar este producto en áreas de uso común. Evitar el contacto con la piel. Evitar la ingestión. No usar este producto en áreas de uso común. Evitar el contacto con la piel. Evitar la ingestión. Mantener fuera del alcance de los niños.

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Inc. will not be responsible for any injury, loss or damage, if product is used in any manner not in compliance with label directions, or, if precautions are not observed.




MADE IN USA by:
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zep.com





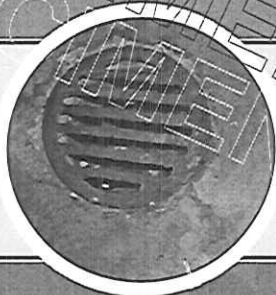
GREEN PRODUCTS THAT WORK™

PROD. #1668 - 3100



Odorless LBA


LIVE BACTERIAL ADDITIVE



- No Objectionable Odors
- Non-Acidic
- Non-Solvent
- Non-Detergent

WARNING!
CAUSES EYE IRRITATION
KEEP OUT OF REACH OF CHILDREN

¡ADVERTENCIA!
CAUSA IRRITACION A LOS OJOS
MANTENGASE FUERA DEL ALCANCE DE NIÑOS

Formulated in partnership with 

See back panel for additional precautionary statements
NET CONTENTS: 1 U.S. GALLON (3.78 L)

Line # 55



CITRUS CLEANER™

Removes Grease, Oil and Soils from Concrete, Metal and Other Hard Surfaces.

PROD. #0455
0912C

5 Gallons
18.92 Liters

BEFORE USING THIS PRODUCT, PLEASE
READ THIS ENTIRE LABEL.

This product is a concentrated cleaner that can be used full strength or diluted to handle most cleaning jobs. Used full strength, Zep CITRUS CLEANER™ will dissolve away the most stubborn grease stains. Used diluted, it is great for moderate cleaning jobs that would normally require the purchase of many different products.

Zep advocates limiting exposure to all chemical products. Zep recommends wearing safety glasses, especially when wearing contact lenses. Wear natural rubber, nitrile, neoprene, or other resistant gloves. Use product in well-ventilated areas only. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

Directions:

Determine proper dilution ratio as instructed below and test first. Spray on surface to be cleaned. Allow to penetrate for 1 minute. Rinse with water or wipe clean with damp sponge or cloth. DO NOT allow product to dry on surface before rinsing.

HEAVY CLEANING: Use full strength on hard non-porous/non-absorbent surfaces to remove marks, but test first. Removes heavy grease buildup from unfinished concrete garage floors and driveways, lawnmowers, cool engines, heavy machinery.

GENERAL CLEANING: Dilute /50/50 with water for general cleaning of laminate countertops, porcelain, stainless steel, chrome drip pans, fiberglass, ceramic tile and power tools. It is recommended to clean these surfaces by applying the cleaner to a clean cloth, wipe surface with cloth, then remove with damp cloth.

SURFACE COMPATIBILITY: Before using this product, especially on surfaces not specifically listed on this label, test in a small inconspicuous area by applying cleaner directly to a clean cloth and gently wiping surface with cloth to ensure surface compatibility. DO NOT allow product to dry on surface before rinsing. Not recommended at any dilution on rubber, latex paint (especially fresh), marble, and leather.

First Aid:

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Immediately flush contaminated skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention at once.

COMBUSTIBLE: Keep away from heat, sparks, open flame or any source of ignition. DO NOT reuse container.

DISPOSAL AND /OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep O-Zorb or Zep Zorbent, and deposit in clean, sealable D.O.T. specification container for disposal as a hazardous waste. Thoroughly clean area with a detergent solution and rinse area well with water.

STORAGE: Store tightly closed container in dry area at temperatures between 40°F(4°C) and 120°F(49°C). DO NOT store at temperatures below 32°F(0°C). Keep this product away from food and food products.

WARNING!

COMBUSTIBLE - CAUSES EYE IRRITATION
MAY CAUSE ALLERGIC SKIN REACTION

Causes eye irritation or inflammation. Potential skin sensitizer. Prolonged and/or repeated contact may cause skin irritation. Avoid eye and skin contact. Inhalation of spray mists or vapors may cause respiratory tract irritation. DO NOT swallow this product. Avoid breathing vapors or spray mist. Exposure may aggravate existing skin or respiratory disorders. Chronic exposure may cause red blood cell damage. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request from your employer.

S

Light
Duty
1:10

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION:
AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Inc. will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

MADE IN USA by:
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zep.com



1234567 2020



99012345670000000045535

#045535

W576

Lin # 101

BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

A 25% solids, acrylic copolymer, metal interlock floor finish with a mild grapefruit fragrance formulated to quickly dry to a deep gloss "wet look" coating. Has excellent responsiveness to UHS burnishing for moderate maintenance procedures. Improved resistance to scuffs and black heel marks. Excellent slip resistance when properly maintained. Only 30-45 minutes drying time required between coats. Coverage is 2000-2500 square feet per gallon. Use as UHS finish on vinyl composition tile, rubber, asphalt tile, cork, sealed concrete, terrazzo, etc. Easily removed with Zep Strip-Ease or other conventional Zep strippers.

- DIRECTIONS:**
- For best results, strip floor of all old finish using Zep Strip-Ease or other conventional Zep strippers. Rinse thoroughly.
 - Apply 4 thin coats of Zep Zarathon. Allow floor to dry thoroughly between coats: 30 - 45 minutes under normal conditions. If sealer is desired/required because of the porosity of the substrate, apply 2 coats of Zeparade Sealer and 3 coats of Zep Zarathon.
 - Product is maintained by frequent dust mopping and daily damp mopping. Keep floor free of dust or other foreign matter or films. Maintain by dry burnishing with a beige pad and an ultra high-speed burnisher. Optimum results are obtained if burnished once per week as needed. Zep Burnish Boost should be used once a week to enhance burnish response.
 - Worn floor finish may be repaired as needed by recoating. Deep scrub the areas to be recoated using a low speed floor machine or autoscrubber with a blue pad and Zep pH Perfect Neutral Floor Cleaner, rinse thoroughly, allow floor to dry and recoat with 2-3 coats of Zep Zarathon.
 - When stripping becomes necessary, strip floor finish with Zep Strip-Ease or Zep Time Saver following the product's label directions. Reapply floor finish following above directions. Striping is typically required every 12-24 months, but will vary as dictated by floor conditions.

WARNING!
CAUSES IRRITATION

Causes eye irritation. May cause skin irritation. Avoid eye and prolonged skin contact. Inhalation of spray mists or vapors may cause respiratory tract irritation and central nervous system depression characterized by headache, dizziness, nausea or stupor. DO NOT swallow this product. Chronic exposure may cause kidney, liver, heart or peripheral nervous system damage. Exposure may aggravate existing skin, eye or respiratory

disorders. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request from your employer.

Zep advocates limiting exposure to all chemical products. Zep recommends wearing safety glasses as splashing may occur. The use of natural rubber, neoprene, nitrile or other resistant gloves is recommended if prolonged skin contact is expected. Use of chemical resistant footwear is also recommended. Use product in well-ventilated areas; open windows/doors and use exhaust fans in enclosed areas. Remove contaminated clothing promptly and do not rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

FIRST AID:
EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN: Flush affected skin with plenty of water. Get medical attention if irritation persists.
INHALATION: If symptoms occur, move exposed person to fresh air. If symptoms persist, get medical attention immediately.
INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Get medical attention at once.
DISPOSAL AND SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, or where permitted, to a sanitary sewer (check local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Zorbent and deposit in a sealable container. Rinse area well with water.
STORAGE: Store tightly closed container in dry area at temperatures between 40°F (4°C) and 120°F (49°C). DO NOT store at temperatures below 32°F (0°C). Keep this product away from food and food products.

KEEP OUT OF REACH OF CHILDREN
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Contains: Water: 7732-18-5; Polystyrene/Acrylic copolymers: Etnoxydiethyl 111-90-0; Triethoxyethyl phosphate: 78-51-3

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Zep Inc.
13110 Seaboard Ind. Blvd.
Atlanta, GA 30318
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Zep
Supplier Solutions



**NEXT
STEP 3**
FLOOR FINISH

PROD. #1137
10108

New & Improved!

ZARATHON

HIGH SOLIDS, LOW ODOR FLOOR FINISH FOR UHS BURNISHING

WARNING!
CAUSES IRRITATION

KEEP OUT OF REACH OF CHILDREN
See Back Panel For Additional Precautionary Statements.
NET CONTENTS: 1 U.S. GALLON (3.78 L)

Line # 19

POWDER LAUNDRY LOW SUDS DETERGENT

PRODUCT DESCRIPTION

A controlled suds laundry detergent for commercial and domestic washing machines. It can be used in soft to medium-hard water.

This product penetrates, removes and suspends soil without redeposition of soil onto fabrics. A very effective laundry detergent that provides excellent results economically.

USE DIRECTIONS

6oz / 100#

For regular washing use 2 oz. product per 25 lbs. dry laundry. Use hot water for cotton fabrics, diapers, work clothes and towels. Use warm water for bright colored fabrics and synthetics such as polyesters, nylon and acrylics. Test secluded area of fabric for colorfastness.

PRODUCT SPECIFICATIONS

Color.....	White
Odor.....	Pleasant
Foam.....	Controlled
pH(1.0% solution)	11.0 + 1.0
Phosphorus Content	Not over 5.0%
Characteristics	Fluffy powder
Rinsability	Very good
Flammability	No hazard
Primary Hazard.....	Sodium silicate

FORMULA INFORMATION

Contains a blend of biodegradable wetting agents, sodium silicates, washing soda and complex phosphates.

SAFETY PRECAUTIONS

WARNING: Harmful if swallowed. Irritating to eyes and skin. **KEEP OUT OF REACH OF CHILDREN**

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Give water or milk and call a physician immediately.
For eye contact: Flush with cool water and call physician.
For skin contact: Flush with water and if irritation persists, call a physician.

SHIPPING CLASSIFICATION

Cleaning, scouring or washing compound. NOIBN

PACKAGING

Packed in 50 lb. boxes and 100 lb. drums.

L22 #5, 4/14

Magic CLEAN™ with OXY POWER

FLOOR CLEANER / APC



- Multi-Purpose
- No Rinse Required
- General Use
- Walls
- Hard Surfaces
- Counters
- Tables
- Chairs
- Deli Cases
- Beverage Dispensing Equipment

• Magic Clean Floor Cleaner / APC cleans the toughest grease and grime from hard surfaces, and is especially well suited for quarry tile floors and to brighten grout.

• Magic Clean is super concentrated. A single pillow pack added to your mop bucket unleashes Oxy Power that will cut through grease. "Drop One Pillow Pack and Mop" Store managers will notice a difference in the appearance of floors after just two or three applications.

• This simple, no-mess, no rinse required formula will help reduce slips and falls.

• Magic Clean is 100% safe, totally biodegradable and meets the standards for a Design for the Environment EPA Green Product.

Use Magic Clean to mop floors and as an all purpose cleaner. Use on hard surfaces; including, tile, grout, vinyl, and concrete. Great for tile walls, counters, and complete kitchen cleaning.

MOPPING INSTRUCTIONS:

- 1) Sweep floor to remove any loose debris.
- 2) Drop 1 (one) quick dissolving pillow pack into a standard mop bucket and fill with warm or hot water.
- 3) Mop floor with Magic Clean solution. For best results, use a stiff bristle brush.
- 4) Do not rinse. Squeegee excess to drain.

ALL PURPOSE CLEANER INSTRUCTIONS:

- 1) Take 3 (three) quick dissolving pillow packs from the Magic Clean Floor Cleaner / APC box and place into mixing tote.
- 2) Add 2 1/2 gallons of water.
- 3) Allow pillow packs to dissolve completely and product to mix well.
- 4) Fill directly from tote valve into your labeled, color coded, spray bottle.



PACK SIZE:

60 / 1 ounce
quick dissolving
pillow packs

*Store in a dry place.

MADE IN USA

ChemPro™
PROFESSIONAL

1-800-227-7765

300 N. Lake St. • Montgomery, IL 60538



HOUSE13 Pricing Pages

Vendors should complete all columns.				Please provide additional information for items 16, 23 & 26.												
Eligible Item Description				Dilution Ratio				Discounted Unit Price Calculation					Bid Total Calculation			
*** Conversion Unit: 1 gallon = 128 ounces				For Use with Concentrated Formulas Only Lowest Manufacturer's Recommended Dilution												
Item	Description	Preferred Size/Wt	Equal To	Manufacturer and Manufacturer Number	Ounces of Product (recommended in dilution formula)	Ounces of Water (recommended in dilution formula)	Adjustment to Price to Account for Concentrated Product	Catalog Price	Units Provided for Catalog Price	Unit Price	Unit Price (Adjusted for Concentrated Product)	Discounted Unit Price	Unit (For Calculation Purposes)	Estimated Unit Qty	Discounted Unit Price	Item Total Cost
1	Cleaner, General, Ammonia Liquid Household-type product with a 6% minimum concentration of NH3.	1 gallon	Majestic	Austin-35003	128.00	128.00	50.00%	\$ 20.4000	512	\$ 0.040	\$ 0.0199	\$ 0.0100	1 oz.	2560	\$ 0.0100	\$ 25.50
2	Liquid Bleach Household-type product with minimum concentration of 5.25% sodium hypochlorite.	1 gallon	Majestic	Sunbrite-360	10.00	128.00	7.25%	\$ 23.7100	768	\$ 0.031	\$ 0.0022	\$ 0.0011	1 oz.	384000	\$ 0.0011	\$ 429.53
3	Bleach-free liquid, commercial grade, Pro-quaternary, all-purpose disinfectant cleaner, no-rinse formula	1 gallon	Clorox/Oasis 144 Ammonium Sanitizer	Zep-170023	1.00	512.00	0.19%	\$ 190.0000	512	\$ 0.371	\$ 0.0007	\$ 0.0004	1 oz.	512	\$ 0.0004	\$ 0.19
4	All Purpose Cleaner/Degreaser	1 gallon	Winans Warrior/Canberra Husky 903 Kitchen Degreaser	Zep-125124	1.00	128.00	0.78%	\$ 114.0000	512	\$ 0.223	\$ 0.0017	\$ 0.0009	1 oz.	7680	\$ 0.0009	\$ 6.63
5	Cleaner, General All Purpose Dry Cleaner non-phosphate fomulated powder product designed to be added to water to perform various cleaning tasks. Product may be used to clean floors, walls, and equipment.	1 - (90 CT tubes)	Drackett Easy Pack	DMS-85718	1.00	512.00	0.19%	\$ 90.0000	60	\$ 1.500	\$ 0.0029	\$ 0.0015	1 tube	1350	\$ 0.0015	\$ 1.97
6	Multi-Purpose Cleaner, liquid, odor eliminator and disinfectant, 32 oz spray bottle.	1 - 32oz	OdoBan/Spartan NABC	Zep-184209	1.00	0.00	100.00%	\$ 134.9400	384	\$ 0.351	\$ 0.3514	\$ 0.1757	1 oz.	1664	\$ 0.1757	\$ 292.37
7	Cleaner, liquid, use where soft to medium water hardness, alkaline.	1 - 32oz	Oasis 272	Zep-085924	4.00	128.00	3.03%	\$ 105.6000	512	\$ 0.206	\$ 0.0063	\$ 0.0031	1 oz.	1600	\$ 0.0031	\$ 5.00
8	Cleaner, wipes, disinfecting.	1 - (75 ct)	Clorox	Zep-141301	1.00	0.00	100.00%	\$ 104.0000	450	\$ 0.231	\$ 0.2311	\$ 0.1156	1 ct.	52500	\$ 0.1156	\$ 6,066.67
9	Stainless Polish Towels, premoistened for polishing metal surfaces.	1 - (70 ct)	Supper	Zep-141901	1.00	0.00	100.00%	\$ 108.0000	270	\$ 0.400	\$ 0.4000	\$ 0.2000	1 ct.	5600	\$ 0.2000	\$ 1,120.00
10	Floor Cleaner, damp mop, neutral disinfectant, germ killing properties	1 gallon	Spartan Chemical DMQ	Zep-752023	1.00	128.00	0.78%	\$ 85.7400	512	\$ 0.167	\$ 0.0013	\$ 0.0006	1 oz.	15360	\$ 0.0006	\$ 9.97
11	Floor cleaner, neutral PH, concentrate, cleaning ability equal to 409 or Fantastic.	1 gallon	Winans Valloshire	Zep-752023	1.00	128.00	0.78%	\$ 85.7400	512	\$ 0.167	\$ 0.0013	\$ 0.0006	1 oz.	32000	\$ 0.0006	\$ 20.77
12	Floor finish, wax, water based, non-yellowing, slip-resistant surface, superior gloss.	5 gal	Buckeye	Zep-NS0135	1.00	0.00	100.00%	\$ 112.2000	640	\$ 0.175	\$ 0.1753	\$ 0.0877	1 oz.	32000	\$ 0.0877	\$ 2,805.00
13	Baseboard Stripper, does not contain ammonia	1 - 20oz	SFR	Zep-501	1.00	0.00	100.00%	\$ 122.0000	240	\$ 0.508	\$ 0.5083	\$ 0.2542	1 oz.	400	\$ 0.2542	\$ 101.67
14	Pre-measured floor cleaner - neutral PH.	1 - (90 ct)	Drackett Easy Pack	DMS-85718	1.00	512.00	0.19%	\$ 79.6000	60	\$ 1.327	\$ 0.0026	\$ 0.0013	1 ct.	9000	\$ 0.0013	\$ 11.64

HOUSE13 Pricing Pages

Vendors should complete all columns.				Please provide additional information for items 16, 23 & 26.												
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15	General dry granular phosphate all purpose cleaner. Formulated for the cleaning of all non-porous surfaces such as floors, bathroom fixtures and other hard surfaces. No rinsing is required after use of the cleaner.	1 - 27oz	Spic & Span	Zep-752023	1.00	128.00	0.78%	\$ 85.8000	512	\$ 0.168	\$ 0.0013	\$ 0.0006	1 oz.	2700	\$ 0.0006	\$ 1.75
16	General liquid pine oil with hospital grade disinfectant. Provide EPA Registration Number:	1 gallon	Canberra Husky Pine	Zep-183242	1.00	64.00	1.54%	\$ 107.9800	512	\$ 0.211	\$ 0.0032	\$ 0.0016	1 oz.	89600	\$ 0.0016	\$ 145.36
17	General ammoniated liquid concentrate window cleaner, which is to be diluted with water to produce a cleaning solution that will not streak or leave a film residue on the surface of the glass.	1 gallon	Cello Glass & Window Cleaner Ammoniated	Zep-M94935	1.00	32.00	3.03%	\$ 165.0000	640	\$ 0.258	\$ 0.0078	\$ 0.0039	1 oz.	8960	\$ 0.0039	\$ 35.00
18	General non-ammoniated liquid window cleaner, which is to be diluted with water to produce a cleaning solution that will not streak or leave a film residue on the surface of the glass.	1 gallon	Brillo	Zep-105222	1.00	32.00	3.03%	\$ 101.8000	512	\$ 0.199	\$ 0.0060	\$ 0.0030	1 oz.	8960	\$ 0.0030	\$ 26.99
19	Non-phosphate laundry detergent for washing of clothing in warm water. Detergent will leave the fabric soft and will not irritate super sensitive skin.	50 lb box	Cello Concentrated Laundry Detergent	DMS-85270	6.00	128.00	4.48%	\$ 78.0000	800	\$ 0.098	\$ 0.0044	\$ 0.0022	1 lb.	25000	\$ 0.0022	\$ 54.57
20	General oil base soap furniture cleaner in a spray pump bottle. Cleaner, for wooden furniture. Formulated to clean wooden paneling and furniture. Use of th soap enhances the appearance of natural wood surfaces. (Equal to Murphy Oil Soap)	1 - 32 oz	Murphys Oil Soap Spray	Colgate-01106	1.00	0.00	100.00%	\$ 98.7800	288	\$ 0.343	\$ 0.3430	\$ 0.1715	1 oz.	3200	\$ 0.1715	\$ 548.78
21	Spray furniture polish; formulated to remove dust, fingerprints, and light soil from finished surfaces with a light or gentle pressure being applied to a wiping cloth. Polish shall not leave a residue when wiped from the surface.	1 - 20 oz aerosol	Cello Lemon Kist	Zep-22001	1.00	0.00	100.00%	\$ 164.0000	240	\$ 0.683	\$ 0.6833	\$ 0.3417	1 oz.	2000	\$ 0.3417	\$ 683.33
22	Lemon Scented Spray furniture polish; formulated to remove dust, fingerprints, and light soil from finished surfaces with a light or gentle pressure being applied to a wiping cloth. Polish shall not leave a residue when wiped from the surface.	1 - 20 oz aerosol	Chase Spray Pak Furniture Polish	Zep-21601	1.00	0.00	100.00%	\$ 118.0700	240	\$ 0.492	\$ 0.4920	\$ 0.2460	1 oz.	2000	\$ 0.2460	\$ 491.96

HOUSE13 Pricing Pages

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Item	Description	Preferred Size/Wt	Equal To	Manufacturer and Manufacturer Number	Ounces of Product (recommended in dilution formula)	Ounces of Water (recommended in dilution formula)	Adjustment to Price to Account for Concentrated Product	Catalog Price	Units Provided for Catalog Price	Unit Price	Unit Price (Adjusted for Concentrated Product)	Discounted Unit Price	Unit (For Calculation Purposes)	Estimated Unit Qty	Discounted Unit Price	Item Total Cost
23	Germicidal disinfectant deodorant spray. Disinfectant spray must be non-toxic, non-allergenic, and must be EPA approved as being effective against saphylococcus aurex, pseudomonas aerugin tuberculosis and micrococcus. Provide EPA Registration #	1 - 20oz aerosol	Winans STAT	Zep-601	1.00	0.00	100.00%	\$ 108.0000	240	\$ 0.450	\$ 0.4500	\$ 0.2250	1 oz.	10000	\$ 0.2250	\$ 2,250.00
24	22 ounce Windex (or equal) spray bottle	1 - 22oz	Windex	Zep-101001	1.00	0.00	100.00%	\$ 55.9400	384	\$ 0.146	\$ 0.1457	\$ 0.0728	1 oz.	6600	\$ 0.0728	\$ 480.73
25	Window squeegees 12" with 4" brass handle.	1		O-Cedar-96156-s	1.00	0.00	100.00%	\$ 134.0000	12	\$ 11.167	\$ 11.1667	\$ 5.5833	1	50	\$ 5.5833	\$ 279.17
25A	Floor squeegee 24" straight without handle.	1		O-Cedar-96825-s	1.00	0.00	100.00%	\$ 152.0000	6	\$ 25.333	\$ 25.3333	\$ 12.6667	1	30	\$ 12.6667	\$ 380.00
26	Non-caustic Aerosol Oven Cleaner, formulated to remove burnt-on grease and other residues commonly occurring in a kitchen. User must comply with all instructions for the safe use of this material. Provide % Active Ingredient:	1 - 12 oz aerosol	Mr. Muscle	Regency-2345	1.00	0.00	100.00%	\$ 95.0000	144	\$ 0.660	\$ 0.6597	\$ 0.3299	1 oz.	180	\$ 0.3299	\$ 59.38
27	Liquid Enzyme Drain Opener Liquid Bacteria digester and spotter; must be environmentally acceptable, eliminate odor and form a digesting bio-film on drain lines and traps; must be non-pathogenic.	1 gallon	Canberra Husky BioEnzymatic Drain Opener	Zep-166823	1.00	128.00	0.78%	\$ 126.0000	512	\$ 0.246	\$ 0.0019	\$ 0.0010	1 oz.	12800	\$ 0.0010	\$ 12.21
28	Non-Acid Bowl Cleaner (Spartan NABC or equal); must be safe and effective acid free bathroom cleaner, disinfectant, deodorant, mildew stat, virucide; fungicidal	1 x 32oz	Canberra Baseline Non Acid Bowl Cleaner	Zep-120401	1.00	0.00	100.00%	\$ 60.0000	384	\$ 0.156	\$ 0.1563	\$ 0.0781	1 oz.	9600	\$ 0.0781	\$ 750.00
29	General purpose foampad cleaner.	1 pack (6 ct)	Mr. Clean Magic Erasers	P&G-82027	1.00	0.00	100.00%	\$ 48.0000	24	\$ 2.000	\$ 2.0000	\$ 1.0000	1 pad	1200	\$ 1.0000	\$ 1,200.00
30	Scouring pad, nylon with sponge; kitchen cleaning aid	each	Microtron #74	O Cedar-93085-M	1.00	0.00	100.00%	\$ 35.9800	60	\$ 0.600	\$ 0.5997	\$ 0.2998	1 pad	100	\$ 0.2998	\$ 29.98
31	Kitchen Scouring Pad Nylon 6"x9"	1 - (60 ct)	Microtron	O Cedar-93085-M	1.00	0.00	100.00%	\$ 35.9800	60	\$ 0.600	\$ 0.5997	\$ 0.2998	1 pad	12000	\$ 0.2998	\$ 3,598.00
32	Kitchen Scouring Pad Non-Detergent Stainless Steel; (Disco D104A or equal)	1 - (72 ct)	Continental	O-Cedar-96143-M	1.00	0.00	100.00%	\$ 69.8000	72	\$ 0.969	\$ 0.9694	\$ 0.4847	1 pad	3600	\$ 0.4847	\$ 1,745.00

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33	Detergent Kitchen Scouring Pad/detergent (Brillo hotel or equal) Must be constructed of durable material and is to be used as an abrasive pad for the removal of difficult soils or grease from metal surfaces or other nonporous surfaces. Pad may be impregnated with detergent or may have other materials included with the pad to meet a special requirement of the purchaser.	1 (12 case of 10)	Brillo Hoel Size Soap pad	Disco-SP1210	1.00	0.00	100.00%	\$ 57.5000	120	\$ 0.479	\$ 0.4792	\$ 0.2396	1 pad	1800	\$ 0.2396	\$ 431.25
34	Chlorinated Scouring Powder (Comet or Equal) Formulated for the fast removal of stain and soils from non-porous surfaces. This product is not intended for use on glassware, fiberglass or plastic materials.	1 - 21oz can	Ajax	Disco-103801	1.00	0.00	100.00%	\$ 110.0000	384	\$ 0.286	\$ 0.2865	\$ 0.1432	1 oz.	2520	\$ 0.1432	\$ 360.94
35	Kitchen Grill Block Scraper (DISCO GB-12 or equal)	1 block - (12 per box)	Continental	Disco-GB-12	1.00	0.00	100.00%	\$ 37.5000	12	\$ 3.125	\$ 3.1250	\$ 1.5625	1 scraper	50	\$ 1.5625	\$ 78.13

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36	Toilet Cleaner 9% Hypochloric Acid Must be formulated for the removal of rust and urine stains from toilet bowls. Container shall have a directional spout to aid in the application of the cleaner to the surface of the toilet bowl. Users are to read and comply with all instructions for the safe usage of this product.	1 - 32oz	Canberra Baseline Bowl Cleaner	Zep-117801	1.00	0.00	100.00%	\$ 129.8000	384	\$ 0.338	\$ 0.3380	\$ 0.1690	1 oz.	3200	\$ 0.1690	\$ 540.83
37	Toilet Cleaner 20% Hypochloric Acid Must be formulated for the removal of rust and urine stains from toilet bowls. Container shall have a directional spout to aid in the application of the cleaner to th surface of the toilet bowl. Users are to read and comply with all instructions for the safe usage of this product.	1 - 32oz	Winans Super Bowl	Zep-117801	1.00	0.00	100.00%	\$ 129.8000	384	\$ 0.338	\$ 0.3380	\$ 0.1690	1 oz.	6400	\$ 0.1690	\$ 1,081.67
38	Biodegradable Drain Opener Cleaner pre-measured packet. Must be non-toxic, formulated to open clogged sink and toilet drains without harm to the user, plastic pipes, and spetic tank systems. 100% biodegradable	1 - 32oz	Cello Fumeless Drain Opener	Zep-462623	1.00	128.00	0.78%	\$ 168.0000	512	\$ 0.328	\$ 0.0025	\$ 0.0013	1 oz.	1600	\$ 0.0013	\$ 2.03
39	Drain Opener Caustic Cleaner Must be a finely ground aluminum chip or flake formulation (minimum of 1% NAOH; minimum 96% NA2CO3), designed to open sinks and toilet drains. This product is highly caustic and must be used with caution. User is to read and comply with all instructions for use.	1 - 18 oz can	Drano	Zep-167801	1.00	0.00	100.00%	\$ 124.6000	384	\$ 0.324	\$ 0.3245	\$ 0.1622	1 oz.	360	\$ 0.1622	\$ 58.41
40	409 Spray and Wipe Cleaner (or equal)	1 - 32 oz	Winans Spray N Wipe	Zep-86016	1.00	0.00	100.00%	\$ 88.0000	384	\$ 0.229	\$ 0.2292	\$ 0.1146	1 oz.	3200	\$ 0.1146	\$ 366.67
41	Tub and Tile Cleaner, 1 gallon, non-abrasive disinfectant; formulated to remove soap scum and soil from ceramic tile and plastic surfaces without scratching. Non-aerosol formulation is ready to use.	1 gallon	Winans Shower Room Cleaner	Zep-86024	1.00	0.00	100.00%	\$ 70.3800	384	\$ 0.183	\$ 0.1833	\$ 0.0916	1 oz.	6400	\$ 0.0916	\$ 586.50
42	Tub and Tile Cleaner Foam Aerosol Spray must be formulated to remove soap scum and soil from ceramic tile and plastic surfaces without scratching.	1 - 20oz aerosol	Champion SprayPak Foaming Germicidal	Zep-31001	1.00	0.00	100.00%	\$ 116.1000	240	\$ 0.484	\$ 0.4838	\$ 0.2419	1 oz.	10000	\$ 0.2419	\$ 2,418.75
43	Disinfectant Heavy Duty Bathroom Cleaner, Liquid Concentrate. 24 oz. spray can.	1 - 24 oz aerosol	Professional Lysol	Zep-752023	1.00	128.00	0.78%	\$ 84.0000	512	\$ 0.164	\$ 0.0013	\$ 0.0006	1 oz.	4800	\$ 0.0006	\$ 3.05

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44	Spray Bottle w/ Trigger - 22 ounce transparent bottle Intended for the convenient handling and dispensing of various cleaning liquids (Indicate if Trigger comes with the Spray Bottle, if not see next item)	1 ct - 22oz. spray bottle	Tolco	O Cedar-Combo w 45	Sprayer & Trigger combo		#VALUE!	See 45			#VALUE!		1 ct.	6600		
45	Trigger Sprayer for 22 oz. Bottle	1 ct. Trigger	Tolco	O Cedar-93141	1.00	0.00	100.00%	\$ 44.2000	12	\$ 3.683	\$ 3.6833	\$ 1.8417	1 ct.	700	\$ 1.8417	\$ 1,289.17
46	Spray Bottle - 32 ounce transparent bottle Intended for the convenient handling and dispensing of various cleaning liquids (Indicate if Trigger comes with the Spray Bottle, if not see next item)	1 ct - 32oz. trigger spray bottle	Tolco	O Cedar-93142	1.00	0.00	100.00%	\$ 44.2000	12	\$ 3.683	\$ 3.6833	\$ 1.8417	1 ct.	3000	\$ 1.8417	\$ 5,525.00
47	Trigger Sprayer for 32 oz. Bottle	1 ct. Trigger	Tolco					See 46					1 ct.	4000		
48	Brass and Chrome Polish; cleaner must be suitable for the cleaning of brass and chrome fixtures and leave the cleaned surface with a high gloss finish.	1 - 20oz aerosol	Cello Solarine	Zep-853101	1.00	0.00	100.00%	\$ 139.5000	240	\$ 0.581	\$ 0.5813	\$ 0.2906	1 oz.	600	\$ 0.2906	\$ 174.38
49	Urinal Blocks with Para - must eliminate odors at their source;	1 - 3oz	Fresh	Fresh A7341cs	1.00	0.00	100.00%	\$ 17.6000	12	\$ 1.467	\$ 1.4667	\$ 0.7333	1 oz.	4800	\$ 0.7333	\$ 3,520.00
50	Urinal Blocks, non Para - must eliminate odors at their source;	1 - 3oz	Fresh	Fresh A7456cs	1.00	0.00	100.00%	\$ 19.6000	12	\$ 1.633	\$ 1.6333	\$ 0.8167	1 oz.	1600	\$ 0.8167	\$ 1,306.67
51	Toilet Bowl Blocks with Para - must eliminate odors at their source	1 - 4oz	Fresh	Fresh A7341cs	1.00	0.00	100.00%	\$ 17.6000	12	\$ 1.467	\$ 1.4667	\$ 0.7333	1 oz.	2000	\$ 0.7333	\$ 1,466.67
52	Toilet Bowl Blocks, non Para - must eliminate odors at their source	1 pc. (12/box)	Fresh	Fresh A7456cs	1.00	0.00	100.00%	\$ 19.6000	12	\$ 1.633	\$ 1.6333	\$ 0.8167	1 block	65	\$ 0.8167	\$ 53.08
53	Urinal Screen-Para Urinal screen with cleaner block	1 pc. (12/box)	Krystal/KRY PBS	ProtabTL3625	1.00	0.00	100.00%	\$ 51.0000	12	\$ 4.250	\$ 4.2500	\$ 2.1250	1 screen	200	\$ 2.1250	\$ 425.00
54	Urinal Screen (non-parabowl block) Flexible Screen	1 pc. (12/box)	Krystal/FRS 12-SANI	Continental 164-4	1.00	0.00	100.00%	\$ 27.5000	12	\$ 2.292	\$ 2.2917	\$ 1.1458	1 screen	200	\$ 1.1458	\$ 229.17

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55	Simple Orange Product must be heavy duty, non-butyl, orange citrus degreaser that removes grease, grime, and tough stains; concentrated product; environmentally friendly; biodegradable, non toxic, non flammable, non-corrosive, non-abrasive	1 gallon	Simple Orange	45524	1.00	10.00	9.09%	\$ 79.8000	512	\$ 0.156	\$ 0.0142	\$ 0.0071	1 oz.	25600	\$ 0.0071	\$ 181.36
56	Cleaner, liquid spray, eliminates gooey, sticky, gummy, greasy problems, 32 oz spray.	1 - 32oz	Goo Gone	Zep-078009	1.00	0.00	100.00%	\$ 177.0000	384	\$ 0.461	\$ 0.4609	\$ 0.2305	1 oz.	320	\$ 0.2305	\$ 73.75
57	Rinse Free, non ammoniated, emulsifier floor stripper, equal to Cello mop and strip	5gal	Canberra Baseline	Zep-N50335	1.00	0.00	100.00%	\$ 121.5400	640	\$ 0.190	\$ 0.1899	\$ 0.0950	1 oz.	32000	\$ 0.0950	\$ 3,038.50
58	Spic and Span (or equal) Disinfecting all-purpose spray and glass cleaner	1 - 32oz	Spic n Span All purpose Spray & Glass Cleaner	Zep-752023	1.00	128.00	0.78%	\$ 85.8000	512	\$ 0.168	\$ 0.0013	\$ 0.0006	1 oz.	8000	\$ 0.0006	\$ 5.20
59	Fire resistant, heavy duty plastic wastebaskets with rolled top edge. Without cover, will not burn, non-metallic type, UL Classified Rectangular and round styles. (40 quart)	each	Rubbermaid #2544	Continental 3u635	1.00	0.00	100.00%	\$ 29.0000	1	\$ 29.000	\$ 29.0000	\$ 14.5000	1 pc.	10	\$ 14.5000	\$ 145.00
60	Refuse container, step-on style, for use in public laboratories, kitchens and hospitals. Containers to have a smooth easy to clean white finish complete with lid on top, controlled by foot pedal. (18 gallon)	each	Rubbermaid #6145	Continental 4pgn7	1.00	0.00	100.00%	\$ 37.0000	1	\$ 37.000	\$ 37.0000	\$ 18.5000	1 pc.	75	\$ 18.5000	\$ 1,387.50
61	Refuse container, step-on style, for use in public laboratories, kitchens and hospitals. Containers to have a smooth easy to clean white finish complete with lid on top, controlled by foot pedal. (12 gallon)	each	Rubbermaid #6144	Continental 4pgn12	1.00	0.00	100.00%	\$ 34.5000	1	\$ 34.500	\$ 34.5000	\$ 17.2500	1 pc.	50	\$ 17.2500	\$ 862.50
62	Wastebasket, fire resistant, heavy duty plastic; rolled top edge, without cover, will not burn, non-metallic type, ul classified. Rectangular and round styles. (28 Quart)	each	Rubbermaid #2543	ContinentalSW001	1.00	0.00	100.00%	\$ 27.9000	1	\$ 27.900	\$ 27.9000	\$ 13.9500	1 pc.	50	\$ 13.9500	\$ 697.50
63	Round garbage containers with covers: Heavy Duty, institutional quality, seamless construction. Boil proof and steam cleanable (235 degrees F.) Molded handles; heavy duty base of container shall accept manufacturer's dolly. (32 gallon)	each	Rubbermaid 2632/2631	ContinentalSdmt2	1.00	0.00	100.00%	\$ 99.9000	1	\$ 99.900	\$ 99.9000	\$ 49.9500	1 pc.	30	\$ 49.9500	\$ 1,498.50

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64	Round garbage containers' covers (for 32 gallon): Heavy Duty, institutional quality, seamless construction. Boil proof and steam cleanable (235 degrees F.)	each	Rubbermaid 2632/2631	Continental LDH	1.00	0.00	100.00%	\$ 36.4000	1	\$ 36.400	\$ 36.4000	\$ 18.2000	1 pc.	30	\$ 18.2000	\$ 546.00
65	Round Garbage containers with covers; heavy duty; institutional quality; seamless construction. Boil proof and steam cleanable (235 degees F.) Molded handles; heavy duty base of container shall accept manufacturer's dolly. (55 gallon)	each	Rubbermaid 2655/2654	Continental 3h240	1.00	0.00	100.00%	\$ 140.0000	1	\$ 140.000	\$ 140.0000	\$ 70.0000	1 pc.	25	\$ 70.0000	\$ 1,750.00
66	Round garbage containers' covers (for 35 gallon): Heavy Duty, institutional quality, seamless construction. Boil proof and steam cleanable (235 degrees F.)	each	Rubbermaid 2655/2654	Combo lid & Receptacle				See 65 Combo					1 pc.	20		
67	Conversion dolly with casters for above	each	Rubbermaid #2640	Continental 3255	1.00	0.00	100.00%	\$ 49.6200	1	\$ 49.620	\$ 49.6200	\$ 24.8100	1 pc.	25	\$ 24.8100	\$ 620.25
68	Square big wheel container; general refuse container with swing back top. Unit desinged with large wheels for movement of container over curbs and steps.	each	Rubbermaid #3559	Continental5mu53	1.00	0.00	100.00%	\$ 220.0000	1	\$ 220.000	\$ 220.0000	\$ 110.0000	1 pc.	25	\$ 110.0000	\$ 2,750.00
69	Water pails; hot dipped in molten zinc after forming; raised bottom, plain galvanized wire gail, heavy stamp riveted or wing ears. (10 quart)	each	Rubbermaid 2963	Ocedar-96970	1.00	0.00	100.00%	\$ 93.9800	12	\$ 7.832	\$ 7.8317	\$ 3.9158	1 pc.	25	\$ 3.9158	\$ 97.90
70	Water Pail; heavy duty plastic with rounded edges and a heavy wire bail. (10 quart)	each	Rubbermaid #2963	O Cedar-96970	1.00	0.00	100.00%	\$ 93.9800	12	\$ 7.832	\$ 7.8317	\$ 3.9158	1 pc.	100	\$ 3.9158	\$ 391.58
71	Water Pail; heavy duty plastic with rounded edges and heavy wire bail. (14 quart)	each	Rubbermaid #2614	O Cedar-96970	1.00	0.00	100.00%	\$ 93.9800	12	\$ 7.832	\$ 7.8317	\$ 3.9158	1 pc.	150	\$ 3.9158	\$ 587.38
72	Waste receptacles, self-closing counter balance door closure. Round tp style; durable cnstruction for indoor or outdoor use. Factory mutual approved for fire safety.	each	Rubbermaid #2614	Continental SW09	1.00	0.00	100.00%	\$ 99.8900	1	\$ 99.890	\$ 99.8900	\$ 49.9450	1 pc.	50	\$ 49.9450	\$ 2,497.25
73	Buffing pad for burnishing with 1500 RPM up 3000 RPM.	1 - 20" pc.	Americo	Norton-2330869	1.00	0.00	100.00%	\$ 32.0000	5	\$ 6.400	\$ 6.4000	\$ 3.2000	1 pc.	100	\$ 3.2000	\$ 320.00

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Specifications for Fine & Medium Sweeping (without handles)																	
Broom-brush specifications : Please refer to General Requirements on page 3 of the Specifications																	
74	Brush, floor, fine and medium, 14" synthetic fiber	each	Marino #BF2195F14	Ocedar-27036	1.00	0.00	100.00%	\$ 65.5000	6	\$ 10.917	\$ 10.9167	\$ 5.4583	1 pc.	10	\$ 5.4583	\$ 54.58	
75	Brush, floor, fine and medium, 18" synthetic fiber	each	Weiler #77013	O Cedar-27038	1.00	0.00	100.00%	\$ 66.8000	6	\$ 11.133	\$ 11.1333	\$ 5.5667	1 pc.	10	\$ 5.5667	\$ 55.67	
76	Brush, floor, fine and medium, 24" synthetic fiber	each	Weiler #77014	O Cedar-27039-6	1.00	0.00	100.00%	\$ 84.9800	6	\$ 14.163	\$ 14.1633	\$ 7.0817	1 pc.	150	\$ 7.0817	\$ 1,062.25	
77	Brush, floor, fine and medium, 30" synthetic fiber	each	Flatt #70126	O Cedar 27040	1.00	0.00	100.00%	\$ 98.5000	1	\$ 98.500	\$ 98.5000	\$ 49.2500	1 pc.	10	\$ 49.2500	\$ 492.50	
78	Brush, floor, fine and medium, 36" synthetic fiber	each	Marino #BR2195F36	O Cedar-96436-4	1.00	0.00	100.00%	\$ 105.6800	4	\$ 26.420	\$ 26.4200	\$ 13.2100	1 pc.	30	\$ 13.2100	\$ 396.30	
79	Handle for fine & medium sweeping: Handle is constructed of close grain species of hardwood with a smooth lacquer finish. Handle length is 0" and has a diameter of 1 1/8". Sturdy tapered cut threaded end with a 3/4" #5 acme thread to fit the fine and medium brushes.	each	Weiler #75513	O Cedar-97262	1.00	0.00	100.00%	\$ 104.9900	12	\$ 8.749	\$ 8.7492	\$ 4.3746	1 pc.	350	\$ 4.3746	\$ 1,531.10	
80	Bi-level rotating joint Scrub Brush for floor with Crimped Polypropylene that rotates 360 degrees with threaded handles. Rubbermaid 6337	each		Ocedar96619&97159	1.00	0.00	100.00%	\$ 82.0000	6	\$ 13.667	\$ 13.6667	\$ 6.8333	1 pc.	150	\$ 6.8333	\$ 1,025.00	

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Specifications for Medium & Rough Sweeping (without handles)																	
Broom-brush specifications : Please refer to General Requirements on page 4 of the Specifications																	
81	Brush, floor, medium and rough, 14" bassine	each	Flatt #70200	O Cedar-20601	1.00	0.00	100.00%	\$ 72.8000	6	\$ 12.133	\$ 12.1333	\$ 6.0667	1 pc.	50	\$ 6.0667	\$ 303.33	
82	Brush, floor, medium and rough, 24" bassine	each	Flatt #77033	O Cedar-27100-6	1.00	0.00	100.00%	\$ 78.6000	6	\$ 13.100	\$ 13.1000	\$ 6.5500	1 pc.	150	\$ 6.5500	\$ 982.50	
Specifications for Rough Sweeping (without handles)																	
Broom-brush specifications : Please refer to General Requirements on page 4 of the Specifications																	
83	Brush, floor, rough, 16" African Shero	each	Flatt #70203	O Cedar-20604	1.00	0.00	100.00%	\$ 77.8000	6	\$ 12.967	\$ 12.9667	\$ 6.4833	1 pc.	400	\$ 6.4833	\$ 2,593.33	
84	Brush, floor, rough, 16" synthetic fiber	each	Flatt #70211	O Cedar-20599	1.00	0.00	100.00%	\$ 105.8000	6	\$ 17.633	\$ 17.6333	\$ 8.8167	1 pc.	300	\$ 8.8167	\$ 2,645.00	
85	Handle for rough sweeping must be constructed of close grain species of hardwood with a smooth lacquer finish. Handle length is 54" and has a diameter of 1 1/8". Sturdy tapered end to fit the rough sweeping floor brush.	each	flatt #75519	O Cedar-97259	1.00	0.00	100.00%	\$ 76.2000	12	\$ 6.350	\$ 6.3500	\$ 3.1750	1 pc.	500	\$ 3.1750	\$ 1,587.50	
Premium standard mops specifications : Please refer to General Requirements on page 5 of the Specifications																	
86	Standard mop with 16 ounce capacity	1 - 16oz	UNS 2316C	OCedar97612V-EWB	1.00	0.00	100.00%	\$ 48.6000	12	\$ 4.050	\$ 4.0500	\$ 2.0250	1 pc.	70	\$ 2.0250	\$ 141.75	
87	Standard mop with 20 ounce capacity	1 - 20oz	UNS 220C	OCedar97613-EWB	1.00	0.00	100.00%	\$ 51.9600	12	\$ 4.330	\$ 4.3300	\$ 2.1650	1 pc.	40	\$ 2.1650	\$ 86.60	
88	Standard mop with 24 ounce capacity	1 - 24oz	UNS 224C	OCedar97614V-EWB	1.00	0.00	100.00%	\$ 67.8000	12	\$ 5.650	\$ 5.6500	\$ 2.8250	1 pc.	480	\$ 2.8250	\$ 1,356.00	

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Premium standard mops specifications : Please refer to General Requirements on page 5 of the Specifications																
89	Standard mop with 16 ounce capacity	1 - 16oz	UNS 216R	O Cedar-97914	1.00	0.00	100.00%	\$ 71.3400	12	\$ 5.945	\$ 5.9450	\$ 2.9725	1 pc.	45	\$ 2.9725	\$ 133.76
90	Standard mop with 20 ounce capacity	1 - 20oz	UNS 220R	O Cedar-97923	1.00	0.00	100.00%	\$ 118.0000	12	\$ 9.833	\$ 9.8333	\$ 4.9167	1 pc.	70	\$ 4.9167	\$ 344.17
91	Standard mop with 24 ounce capacity	1 - 24oz	UNS 224R	O Cedar-97931	1.00	0.00	100.00%	\$ 102.1800	12	\$ 8.515	\$ 8.5150	\$ 4.2575	1 pc.	20	\$ 4.2575	\$ 85.15
92	Super loop head; 5 inch vinyl mesh 12/CS - small	1 - 5" (small)		O Cedar-97175	1.00	0.00	100.00%	\$ 79.6000	12	\$ 6.633	\$ 6.6333	\$ 3.3167	1 mesh	25	\$ 3.3167	\$ 82.92
93	Super loop head; 5 inch vinyl mesh 12/CS - medium	1 - 5" (medium)		O Cedar-97176	1.00	0.00	100.00%	\$ 95.2000	12	\$ 7.933	\$ 7.9333	\$ 3.9667	1 mesh	40	\$ 3.9667	\$ 158.67
94	Dust mop heads; size 18 X 6 1/2; blue color slot top clip on closer	1 - (18X6 1/2)		O Cedar-96069	1.00	0.00	100.00%	\$ 132.2000	12	\$ 11.017	\$ 11.0167	\$ 5.5083	1 pc.	25	\$ 5.5083	\$ 137.71
95	Toilet bowl Mop - made of plastic handles and a non-absorbant acrylic head.	each		O Cedar-96303	1.00	0.00	100.00%	\$ 19.2800	12	\$ 1.607	\$ 1.6067	\$ 0.8033	1 pc.	1500	\$ 0.8033	\$ 1,205.00
96	Looped end mop heads with wide bands at the top. 16oz and 24oz - medium	1 - pc. (medium)		O Cedar-97176	1.00	0.00	100.00%	\$ 93.0000	12	\$ 7.750	\$ 7.7500	\$ 3.8750	1 pc.	50	\$ 3.8750	\$ 193.75
97	Looped end mop heads with wide bands at the top. 16oz and 24oz - large	1 - pc. (large)		O Cedar-97177	1.00	0.00	100.00%	\$ 108.8000	12	\$ 9.067	\$ 9.0667	\$ 4.5333	1 pc.	100	\$ 4.5333	\$ 453.33
98	Wet mop handles fiberglass small and large. Side release gate for fast and easy mop change.	each		O Cedar-6542	1.00	0.00	100.00%	\$ 159.8000	12	\$ 13.317	\$ 13.3167	\$ 6.6583	1 pc.	500	\$ 6.6583	\$ 3,329.17
99	Dust mop heads; 4-ply cotton blend with looped ends. 24" x 5"	1 - (24"X5")		O Cedar-96928	1.00	0.00	100.00%	\$ 111.8000	12	\$ 9.317	\$ 9.3167	\$ 4.6583	1 pc.	25	\$ 4.6583	\$ 116.46
100	Dust mop frame and handle swivel and snap. 24" x 5"	1 - (24"X5")		OCedar96124&96161	1.00	0.00	100.00%	\$ 181.8000	12	\$ 15.150	\$ 15.1500	\$ 7.5750	1 pc.	85	\$ 7.5750	\$ 643.88
101	Floor Wax, High millage floor finish or equal. High solids, low odor, ultra high speed floor finish for heavy foot traffic.	5 gal		Zep-113735	1.00	0.00	100.00%	\$ 183.2000	640	\$ 0.286	\$ 0.2863	\$ 0.1431	1 oz.	120	\$ 0.1431	\$ 17.18
Mop Buckets																

HOUSE13 Pricing Pages

Vendors should complete all columns.				Please provide additional information for items 16, 23 & 26.													
Eligible Item Description				Dilution Ratio				Discounted Unit Price Calculation					Bid Total Calculation				
*** Conversion Unit: 1 gallon = 128 ounces				For Use with Concentrated Formulas Only Lowest Manufacturer's Recommended Dilution													
Item	Description	Preferred Size/Wt	Equal To	Manufacturer and Manufacturer Number	Ounces of Product (recommended in dilution formula)	Ounces of Water (recommended in dilution formula)	Adjustment to Price to Account for Concentrated Product	Catalog Price	Units Provided for Catalog Price	Unit Price	Unit Price (Adjusted for Concentrated Product)	Discounted Unit Price	Unit (For Calculation Purposes)	Estimated Unit Qty	Discounted Unit Price	Item Total Cost	
102	35 Qt. Yellow with a down press wringer.	each		O Cedar-96978	1.00	0.00	100.00%	\$ 134.9800	1	\$ 134.980	\$ 134.9800	\$ 67.4900	1 pc.	50	\$ 67.4900	\$ 3,374.50	
															TOTAL BID COST		\$ 85,625.67

