Procter & Gamble Professional Sanitizing and Disinfecting Technical Bulletins for:

Spic & Span 3-1 Dilute / RTU

Comet Disinfecting Sanitizing Bathroom Cleaner RTU

Comet Disinfecting Cleaner with Bleach RTU

CleanWell Botanical Disinfectant RTU

Clean Quick Broad Range Quaternary Sanitizer

P&G Pro Line Disinfecting Floor & Surface Cleaner

P&G Pro Line Sanitizing Restroom Cleaner

P&G Pro Line Carpet Extraction Cleaner and Sanitizer

P&G Pro Line Thickened Acid Bowl Cleaner

P&GProfessiona Γ

every experience counts."

TECHNICAL BULLETIN: SPIC and SPAN®

Disinfecting All-Purpose Spray & Glass Cleaner 15X Concentrate

DESCRIPTION

SPIC and SPAN ® Disinfecting All-Purpose Spray and Glass Cleaner is a powerful 3-in-1 cleaner that replaces 3 products.

- 1) All purpose cleaner cuts grease, cleans stainless
- 2) Streak-free glass cleaner
- 3) Hospital-grade disinfectant

BENEFITS

Designed to help improve cleaning productivity

- Cleans and disinfects in one easy step
- Minimizes training time
- Saves time eliminates constantly changing products
- Eliminates employee guesswork, avoiding costly errors

APPLICATIONS

Glass and Surface Cleaner, Hospital Use Disinfectant, Bactericide, Fungicide, Virucide, Sanitizer and Deodorizer for Medical Facilities (including hospitals, nursing homes, medical and dental offices, clinics, operation rooms, isolation wards, and medical research centers), Commercial, Institutional, Industrial, and Household use in places such as day care centers, nurseries, restaurants, bars, cafeterias, institutional kitchens, fast food operations, laboratories, and factories.

ACTIVE INGREDIENTS

n-Alkyl (C_{14} -60%, C_{16} -30%, C_{12} -5%, C_{18} -5%) Dimethyl Benzyl Ammonium Chloride...0.5% n-Alkyl (C_{12} -68%, C_{14} -32%) Ethylbenzyl Ammonium Chloride.......0.5%

EPA REGISTRATION

EPA Reg. No. 3573-96

USE DILUTION LEVELS

For ready-to-use disinfecting & cleaning product, dilute concentrate at 1 part concentrate with 14 parts water.

PACKAGING

Concentrate: 2/1 gallon & 3/22 oz.

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For General Use: Spray 6-8 inches from surface. Wipe with a dry paper towel or lint-free cloth to a streak-free shine. Do not breathe spray. To Sanitize/Disinfect: For heavily soiled areas, a pre-cleaning is required. For hard, non-porous surfaces, spray until thoroughly wet.











GENERAL USE DIRECTIONS (Continued)

To Sanitize: Let stand 5 minutes before wiping. To Disinfect: Let stand 10 minutes before wiping. A rinse is required for surfaces in direct contact with food.

KILLS HIV ON PRECLEANED 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 on 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 (HIV-1) (associated with AIDS).

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

Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks & eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of this product. Contact Time: Leave surface wet for 1 minute. Use a 10 minute contact time for all other bacteria, viruses and fungi listed on this label.

Disposal of Infectious Materials: Blood, body fluids, cleaning materials and other clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes & clothing. Wash thoroughly with soap & water after handling. **FIRST AID**

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

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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 EPA Office.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

TECHNICAL BULLETIN: SPIC and SPAN®

Disinfecting All-Purpose Spray & Glass Cleaner 15X Concentrate

EFFICACY

This product is a Hospital Use Disinfectant, is Bactericidal according to the AOAC Germicidal Spray Products Test Method, Virucidal according to the virucidal qualification, Fungicidal according to the AOAC fungicidal test, modified in the presence of 5% organic serum and 400 ppm hard water against the following bacteria, viruses and fungi: Effective (in 10 minutes), when used as directed, against:

Bacteria:

Pseudomonas aeruginosa [Pseudomonas)

Staphylococcus aureus [Staph]

Salmonella enterica [Salmonella]

Acinetobacter baumanii

Burkholderia cepacia

Campylobacter jejuni

Corynebacterium ammoniagenes

Enterobacter aerogenes

Enterobacter cloacae

Enterococcus faecalis

Enterococcus faecium

Escherichia coli [E. coli]

Escherichia coli 0157:H7 [pathogenic E. coli]

Klebsiella oxytoca

Klebsiella pneumoniae

Listeria monocytogenes

Proteus mirabilis

Proteus vulgaris

Salmonella enterica serotype – typhimurium

Serratia marcescens

Shigella dysenteriae

Shigella flexneri serotype 1 B

Shigella sonnei

Staphylococcus epidermidis

Staphylococcus haemolyticus

Staphylococcus hominis

Staphylococcus saprophyticus

Streptococcus pneumoniae

Streptococcus pyogenes

Yersinia enterocolitica

Antibiotic Resistant Bacteria:

Enterobacter cloacae - Carbapenem resistant (NDM-1) Enterococcus faecalis - Vancomycin resistant (VRE)

Escherichia coli - Carbapenem resistant (NDM-1)

Klebsiella pneumoniae - Carbapenem resistant (NDM-1)

 ${\bf Staphylococcus\ aureus\ -\ Community\ Acquired\ Methycillin}$

resistant (CA-MRSA)

Staphylococcus aureus - Methycillin resistant (MRSA)

Human Virus:

Hepatitis B virus (HBV)

Hepatitis C virus (HCV)

Herpes Simplex Type 1

Herpes Simplex Type 2

Human Immunodeficiency virus [HIV-1 (AIDS virus)]

Influenza A2/Hong Kong

Influenza A (2009 H1N1)

Respiratory syncytial virus

Rotavirus

Vaccinia virus (Pox virus)

Animal Virus:

Avian Influenza (H5N1)

Bovine Viral Diarrhea virus (Surrogate Hep C)

Duck Hep B (surrogate Human Hep B)

Fungi:

Candida glabrata

Candida albicans

Non-Food Contact Sanitizer:

This product is a sanitizer for non-food contact surfaces in the presence of 400 ppm hard water plus 5% organic serum in 5 minutes against:

Klebsiella pneumoniae

Staphylococcus aureus

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS # 15154200.

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE (1-888-

474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

DISCLAIMER

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This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

22-4209-01 - Updated 10/17/14











TECHNICAL BULLETIN: SPIC and SPAN®

Disinfecting All-Purpose Spray and Glass Cleaner RTU

DESCRIPTION

SPIC and SPAN ® Disinfecting All-Purpose Spray and Glass Cleaner RTU is a powerful 3-in-1 cleaner that replaces 3 products.

- 1) All purpose cleaner cuts grease, cleans stainless
- 2) Streak-free glass cleaner
- 3) Hospital-grade disinfectant

BENEFITS

Designed to help improve cleaning productivity

- Cleans and disinfects in one easy step
- Minimizes training time
- Saves time eliminates constantly changing products
- Eliminates employee guesswork, avoiding costly errors

APPLICATIONS

Glass and Surface Cleaner, Hospital Use Disinfectant, Bactericide, Fungicide, Virucide, Sanitizer and Deodorizer for Medical Facilities (including hospitals, nursing homes, medical and dental offices, clinics, operation rooms, isolation wards, and medical research centers), Commercial, Institutional, Industrial, and Household use in places such as day care centers, nurseries, restaurants, bars, cafeterias, institutional kitchens, fast food operations, laboratories, and factories.

ACTIVE INGREDIENTS

 $\begin{array}{l} \text{n-Alkyl (C$_{14}$-60\%, C$_{16}$-30\%, C$_{12}$-5\%, C$_{18}$-5\%)} \\ \text{Dimethyl Benzyl Ammonium Chloride...0.05\%} \\ \text{n-Alkyl (C$_{12}$-68\%, C$_{14}$-32\%)} \\ \text{Ethylbenzyl Ammonium Chloride.......0.05\%} \end{array}$

EPA REGISTRATION

EPA Reg. No. 6836-245-3573

PACKAGING

Ready-to-use: 3/1 gallon RTU refill & 3/32 oz. RTU

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For General Use: Spray 6-8 inches from surface. Wipe with a dry paper towel or lint-free cloth to a streak-free shine. Do not breathe spray. To Sanitize/Disinfect: For heavily soiled areas, a pre-cleaning is required. For hard, non-porous surfaces, spray until thoroughly wet. To Sanitize: Let stand 5 minutes before wiping. To Disinfect: Let stand 10 minutes before wiping. A rinse is required for surfaces in direct contact with food.

KILLS HIV ON PRECLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS in health-care settings or other settings in which there is

GENERAL USE DIRECTIONS (Continued)

an expected likelihood of soiling on 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 (HIV-1) (associated with AIDS).

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

Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of this product. Contact Time: Leave surface wet for 1 minute. Use a 10 minute contact time for all other bacteria, viruses and fungi listed on this label.

Disposal of Infectious Materials: Blood, body fluids, cleaning materials and other clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes

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. Have the product container or label with you when calling Poison Control Center or doctor or going for treatment.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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.











TECHNICAL BULLETIN: SPIC and SPAN®

Disinfecting All-Purpose Spray and Glass Cleaner RTU

EFFICACY

This product is a Hospital Use Disinfectant, is Bactericidal according to the AOAC Germicidal Spray Products Test Method, Virucidal according to the virucidal qualification, Fungicidal according to the AOAC fungicidal test, modified in the presence of 5% organic serum and 400 ppm hard water against the following bacteria, viruses and fungi: Effective (in 10 minutes), when used as directed, against:

Bacteria:

Pseudomonas aeruginosa [Pseudomonas)

Staphylococcus aureus [Staph]

Salmonella enterica [Salmonella]

Acinetobacter baumanii

Burkholderia cepacia

Campylobacter jejuni

Corynebacterium ammoniagenes

Enterobacter aerogenes

Enterobacter cloacae

Enterococcus faecalis

Enterococcus faecium

Escherichia coli [E. coli]

Escherichia coli 0157:H7 [pathogenic E. coli]

Klebsiella oxytoca

Klebsiella pneumoniae

Listeria monocytogenes

Proteus mirabilis

Proteus vulgaris

Salmonella enterica serotype - typhimurium

Serratia marcescens

Shigella dysenteriae

Shigella flexneri serotype 1B

Shigella sonnei

Staphylococcus epidermidis

Staphylococcus haemolyticus

Staphylococcus hominis

Staphylococcus saprophyticus

Streptococcus pneumoniae

Streptococcus pyogenes

Yersinia enterocolitica

Antibiotic Resistant Bacteria:

Acinetobacter baumannii – Multi-drug resistant

Enterobacter cloacae - Carbapenem resistant (NDM-1)

Enterococcus faecalis - Vancomycin resistant (VRE)

Escherichia coli - Carbapenem resistant (NDM-1)

Klebsiella pneumoniae - Carbapenem resistant (NDM-1)

Staphylococcus aureus - Community Acquired Methycillin

resistant (CA-MRSA)

Staphylococcus aureus - Methycillin resistant (MRSA)

Human Virus:

Hepatitis B virus (HBV)

Hepatitis C virus (HCV)

Herpes Simplex Type 1

Herpes Simplex Type 2

Human Immunodeficiency Virus type 1 [HIV-1 (AIDS virus)]

Influenza A2/Hong Kong

Influenza A-H1N1, strain A/PR/8/34 (2009 H1N1)

Norovirus - Feline Calicivirus

Respiratory syncytial virus (RSV)

Rotavirus

Vaccinia virus (smallpox vaccine virus)

Animal Virus:

Avian Influenza (H5N1)

Bovine Viral Diarrhea virus (human Hepatitis C surrogate)

Duck Hepatitis B (human Hepatitis B surrogate)

Feline Calicivirus F-9 strain

Non-Food Contact Sanitizer:

This product is a sanitizer for non-food contact surfaces in the presence of 400 ppm hard water plus 5% organic serum in 5 minutes against:

Klebsiella pneumoniae Staphylococcus aureus

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS #: 15154200d

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE (1-888-

474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

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21-4209-01 - Updated 10/17/14











TECHNICAL BULLETIN: Comet ®

Disinfecting Cleaner with Bleach

DESCRIPTION

COMET ® Disinfecting Cleaner with Bleach:

- 1. Supercharges your cleaning with the power of bleach
- 2. Cuts through tough grease and soils
- Bleaches and removes mold & mildew stains with less scrubbing

BENEFITS

Designed to help improve cleaning productivity

- Saves time Little to no scrubbing needed!
- Minimizes training time
- Fewer products One product cleans and disinfects

APPLICATIONS

Restroom/Bathroom Surfaces, Toilets, Porcelain Urinals, Fiberglass, Countertops, Formica, Sinks, Ceramic, Showers/Tubs, Stainless Steel, Tile, Glazed Porcelain, Glazed Ceramic, Synthetic/Cultured marble. For all other surfaces, test on a small area before use. Do Not Use On: Fabric, cloth, or materials that will be discolored by bleach.

ACTIVE INGREDIENTS

Sodium Hypochlorite...... 1.45%

EPA REGISTRATION

EPA Reg. No. 3573-77

PACKAGING

Ready-to-use: 8/32 oz. RTU spray & 3/1 gallon RTU refill

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **GENERAL CLEANING DIRECTIONS**: Apply to hard non porous surfaces. Spray\pour directly onto surface. Rinse or wipe clean For tough stains or soil, allow to soak\stand. For floors, add 250 ml\1 cup concentrate per 3 78 L\1 gallon warm water. Mop and rinse.

TO CLEAN AND DISINFECT (hard, non-porous surfaces): Clean surfaces prior to disinfecting heavily soiled areas. For heavily soiled areas clean before disinfecting, following disinfecting directions. Thoroughly wet hard, non porous surfaces for 10 minutes then rinse or wipe clean. Spray product on surface and let stand 5 minutes before wiping.

TOILET BOWLS AND URINALS: Empty water from the toilet bowl or urinal. Hold 6-8" from surface. Spray exposed surfaces. Brush thoroughly over surfaces and under the rim to completely wet surfaces. Let stand for 10 minutes, then flush.

KILLS HIV ON PRECLEANED 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 on inanimate surfaces I objects with blood or body fluids, and in which the surfaces I objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES & OBJECTS SOILED WITH BLOOD & BODY FLUIDS:

Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Use a 10 minute contact time for all bacteria, viruses and fungi listed on this label.

Disposal of Infectious Materials: Blood, body fluids, cleaning materials and other clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes. May be harmful if swallowed. Do not mix with bleach or mildew stain removers as irritating fumes may result. **FIRST AID:** 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, drink 1-2 glasses of water and call a doctor or poison control center (product contains an alcohol ethoxylate). Do not induce vomiting unless told to do so by a poison control center or doctor. Have the product container or label with you when calling or going for treatment.













TECHNICAL BULLETIN: Comet ®

Disinfecting Cleaner with Bleach

EFFICACY

When used as directed, with a 10 minute contact time, this product is a hospital use/hospital grade/ hospital level/medical environment disinfectant that kills, eliminates, destroys, and removes a broad wide range of:

Bacteria:

Pseudomonas aeruginosa (Pseudomonas)
Salmonella choleraesuis (Salmonella)
Staphylococcus aureus (Staph)
Acinetobacter baumanii
Campylobacter jejuni
Clostridium difficile spores (RTU Only)
Enterobacter aereogenes
Escherichia coli O157:H7 (pathogenic E. coli)
Klebsiella pneumoniae
Listeria monocytogenes
Salmonella typhimurium
Shigella dysenteriae
Streptococcus pyogenes

Antibiotic Resistant Bacteria:

Enterobacter cloacae - Carbapenem resistant (NDM-1)
Enterococcus faecalis - Vancomycin resistant (VRE)
Escherichia coli - Carbapenem resistant (NDM-1)
Klebsiella pneumoniae - Carbapenem resistant (NDM-1)
Staphylococcus aureus - Community Acquired Methycillin resistant (CA-MRSA)
Staphylococcus aureus - Methycillin resistant (MRSA)

Human Virus:

Hepatitis A virus (HAV) Hepatitis B virus (HBV) Hepatitis C virus (HCV) HIV-1 (AIDS virus) Influenza A (2009 H1N1) Norovirus (Norwalk) Poliovirus type 1 Rotavirus

Animal Virus:

Avian Influenza (H3N2) (RTU Only) Avian Influenza (H5N1) Bovine Viral Diarrhea virus Feline Calicivirus (Norwalk Surrogate)

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS # 15154199

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com **Customer Contact Center:** 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE (1-888-

474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

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Updated 7/23/13











TECHNICAL BULLETIN: Comet ®

Disinfecting-Sanitizing Bathroom Cleaner

DESCRIPTION

COMET ® Disinfecting Bathroom Cleaner:

- 1. Removes tough soap scum & hard water stains
- 2. Penetrates tough restroom soils without scrubbing
- 3. Non-abrasive Safely cleans most surfaces
- 4. Hospital-grade disinfectant

BENEFITS

Designed to help improve cleaning productivity

- Saves time No scrubbing & no rinsing needed!
- Minimizes training time
- Fewer products No need for separate deodorizer

APPLICATIONS

Restroom/bathroom surfaces, Glazed Porcelain, Fiberglass, Glazed Ceramic, Stainless steel, Tile, Synthetic/Cultured marble, Formica, Chrome, Toilet exteriors, Urinal exteriors, Countertops, Sinks, Fixtures, Showers/Tubs, Shower walls and doors, Laminated surfaces, Plastic laminate, Sealed granite, Enamel. For all other surfaces, test on a small area before use. Do not use on NATURAL MARBLE.

ACTIVE INGREDIENTS

EPA REGISTRATION

EPA Reg. No. 3573-54

<u>PACKAGING</u>

Ready-to-use: 8/32 oz. RTU spray & 3/1 gallon RTU refill

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **GENERAL CLEANING DIRECTIONS**: Apply to hard, non-porous surfaces. Spray directly onto surface. Rinse or wipe clean. For tougher soils, allow to soak. Rinse all surfaces that come in contact with food with potable water before reuse.

For ready-to-use containers only:

TO CLEAN AND DISINFECT (hard, non-porous surfaces): For heavily soiled areas, clean before disinfecting by following disinfecting directions. Thoroughly wet hard, non-porous surfaces with disinfecting solution for 10 minutes, then rinse or wipe clean. Spray product on surface and let stand for 10 minutes before wiping. **TOILET BOWLS AND URINALS**: Empty water from the toilet bowl or urinal. Hold 6-8" from surface. Spray exposed surfaces. Brush thoroughly. Let stand for 10 minutes, then flush.

For any container:

TO CLEAN AND SANITIZE (hard, non-porous surfaces): For heavily soiled areas, clean before sanitizing following sanitizing directions. Thoroughly wet hard, non-porous surfaces for 5 minutes, then rinse or wipe clean. Spray product on surface and let stand 5 minutes before wiping. TOILET BOWLS AND URINALS: Empty water from the toilet bowl or urinal. Hold 6-8" from surface. Spray exposed surfaces. Brush thoroughly. Let stand for 5 minutes, then flush. For light/daily cleaning & sanitizing, dilute mix I part concentrate product with 4 parts water. KILLS HIV ON PRECLEANED 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 on inanimate surfaces I objects with blood or body fluids, and in which the surfaces I objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES & OBJECTS SOILED WITH BLOOD & BODY FLUIDS Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of this product. Contact Time: Use a 10 minute contact time for all

bacteria, viruses and fungi listed on this label.

Disposal of Infectious Materials: Blood, body fluids, cleaning materials and other clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with eyes. May be harmful if swallowed. Do not mix with bleach or mildew stain removers as irritating fumes may result. **FIRST AID**: 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, drink 1-2 glasses of water and call a doctor or poison control center (product contains an alcohol ethoxylate). Do not induce vomiting unless told to do so by a poison control center or doctor. Have the product container or label with you when calling or going for treatment.













TECHNICAL BULLETIN: Comet ®

Disinfecting-Sanitizing Bathroom Cleaner

EFFICACY

When used as directed, with a 10 minute contact time, this product is a hospital use/hospital grade/ hospital level/medical environment disinfectant that kills, eliminates, destroys, and removes a broad wide range of:

Bacteria:

Pseudomonas aeruginosa (Pseudomonas)
Salmonella choleraesuis (Salmonella)
Staphylococcus aureus (Staph)
Acinetobacter baumanii*
Campylobacter jejuni*
Enterobacter aereogenes*
Escherichia coli (E. coli)
Escherichia coli O157:H7* (pathogenic E. coli)
Proteus mirabilis
Shigella dysenteriae*
Streptococcus pyogenes*

Antibiotic Resistant Bacteria:

Enterobacter cloacae - Carbapenem resistant (NDM-1)*
Enterococcus faecalis - Vancomycin resistant (VRE)*
Escherichia coli - Carbapenem resistant (NDM-1)*
Klebsiella pneumoniae - Carbapenem resistant (NDM-1)*
Staphylococcus aureus - Community Acquired Methycillin resistant (CA-MRSA)

Human Virus:

Hepatitis B virus (HBV)*
Hepatitis C virus (HCV)*
HIV-1 (AIDS virus)*
Influenza A (2009 H1N1)*
Norovirus (Norwalk)*
Rotavirus*

Animal Virus:

Avian Influenza (H3N2)
Feline Calicivirus (Norwalk Surrogate)*

Non-Food Contact Sanitizer:

This product is a sanitizer for non-food contact surfaces in the presence of 400 ppm hard water plus 5% organic serum in 5 minutes against:

Klebsiella pneumoniae Staphylococcus aureus

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS # 15154320

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE (1-888-

474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

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23-4209-01 – Updated 2/13/12

^{*}Approved by Federal EPA. Claims not yet approved in California.











TECHNICAL BULLETIN: CleanWell Botanical Disinfectant Cleaner RTU [®]

DESCRIPTION

CleanWell Botanical Disinfectant Cleaner

- Botanical Disinfectant Cleaner
- Tuberculocidal in 5 minutes
- Hospital-grade disinfectant
- Virucidal, Bactericidal, Fungicidal
- Decontaminant, Deodorizer

BENEFITS

Designed to clean and disinfect hard, non porous inanimate surfaces

- Cleans and disinfects
- Kills over 99.99% of bacteria, specifically, MRSA (Methicillin Resistant Staphylococcus aureus), Salmonella enteric, Staphylococcus aureus, Pseudomonas aeruginosa, &
- Micobaterium bovis (TB); & fungi & HIV-1
- Effectively eliminates odors produced by odorcausing bacteria, fungi &other odor –causing organisms.
- Made from plant extracts with pleasant scent. No synthetic fragrances or dyes.

APPLICATIONS

Surface Disinfectant Cleaner, Hospital grade Disinfectant, Bactericide, Fungicide, Virucidal, Deodorizer for Medical applications (including hospitals, nursing homes, medical and dental offices, health professional, clinics.

Commercial, Institutional, Industrial, and Household use in places such as child care centers, nurseries, restaurants, cafeterias, kitchens, food storage areas, fitness gyms, spas. Suitable for disinfecting hard, non porous surfaces, such as: walls,& floors, countertops, sinks, food preparation surfaces, toilet seats, garbage cans, foot spa surfaces, sports equipment such as jock cups and helmets & any other non-porous surface where bacteria or unpleasant odors are a concern.

ACTIVE INGREDIENTS

EPA REGISTRATION

EPA Reg. No. 84683-5-84841

PACKAGING

Ready-to-use: 32 oz. (946mL) RTU

GENERAL USE DIRECTIONS

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

Pre-clean surfaces to remove soil prior to disinfection.







GENERAL USE DIRECTIONS (cont.)

TO CLEAN:

1- Shake apply product & wipe away.

TO DISINFECT [& DEODORIZE]:

1-Shake well and wet the surface with the product by sprayer, mop, cloth or sponge (test for surface compatibility on inconspicuous area first)

2-Leave for 10 minutes [(5 minutes for Mycobacterium bovis (TB))] at room temperature; allow to air dry, no rinsing or wiping is required (even on food contact surfaces)

KILLS HIV ON PRECLEANED 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 on 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 (HIV-1) (associated with AIDS).

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

Personal Protection: Specific barrier protection items to be used when handling items soiled with blood and body fluids, are disposable latex gloves, gowns, masks or eye coverings.

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

Disposal of Infectious Materials: Blood, and other body fluids, cleaning materials must be autoclaved and disposed of according to federal, state & local regulations for infectious waste disposal.

Contact time: Leave surface wet for 10 minutes.

PRECAUTIONARY STATEMENTS

This product is not hazardous to humans and domestic animals.

Keep Out of Reach of Children

STORAGE AND DISPOSAL

(Commercial, Industrial, Institutuional)

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

Pesticide Storage: Store airtight at room temperature away from persons unfamiliar with its use.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer empty container for recycling. If recycling is not available, puncture and dispose in a sanitary landfill or by other procedures approved by State and local authorities.





TECHNICAL BULLETIN: CleanWell Botanical Disinfectant Cleaner RTU ®

EFFICACY

This product is a Hospital Use Disinfectant, is Bactericidal, Virucidal, Fungicidal against the following bacteria, viruses and fungi:

Effective (in 5 minutes), when used as directed, against: Mycobacterium bovis (TB)

Effective (in 10 minutes), when used as directed, against:

Bacteria:

Pseudomonas aeruginosa [Pseudomonas) Staphylococcus aureus [Staph] Salmonella enterica [Salmonella]

Antibiotic Resistant Bacteria:

Staphylococcus aureus - Methycillin Resistant (MRSA)

Human Virus:

HIV-1 (AIDS virus)

Fungi:

Trichophyton mentagrophytes [Athlete's Foot Fungus]

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, see Clean Well Safety Data Sheet (MSDS). Conforms to 91155/EEC – 2001/58/EC

CONTACT INFORMATION

CleanWell Company, Please visit cleanweltoday.com Or call 1-877-401-6031 CleanWell Company, PO Box 2125 San Francisco, CA 94126

DISCLAIMER

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This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.











TECHNICAL BULLETIN: Clean Quick® **Quaternary Broad Range Sanitizer**

DESCRIPTION

Clean Quick [®] Liquid Quaternary Sanitizer is a non-rinse sanitizer that can also be used to disinfect surfaces where bacterial growth can cause malodors.

BENEFITS

- Delivers non-acid sanitizing & disinfectant performance in an economical concentrate.
- Helps improves labor results by effectively controlling odors.
- Formulated for use in daily maintenance programs to deliver effective disinfecting and malodor control.
- Will not leave grit or soap scum residue behind.

APPLICATIONS

- · Disinfectant on hard, nonporous surfaces.*
- Sanitizing and disinfecting of ultrasound transducers, probes, mammography compressor plates and other hard nonporous surfaces. Will not cause swelling of transducer membrane or harm compressor plates.
- On coils and drain pans of air conditioning and refrigeration equipment and heat pumps. Follow the directions for sanitization of non-food contact surfaces.
- As a broad spectrum disinfectant in Ultrasonic Baths (Ultrasonic cleaning units).
- To disinfect finished floors without dulling gloss.
- Non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowls.
- In kitchens, bathrooms and other household areas.
- *When diluted & used as directed for disinfecting

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	.4.224%
Dioctyl dimethyl ammonium chloride	.1.690%
Didecyl dimethyl ammonium chloride	2.534%
Alkyl (C14, 50%: C12, 40%; C16, 10%)	
dimethyl henzyl ammonium chloride	5 632%

EPA REGISTRATION

EPA Reg. No. 6836-278-3573

PACKAGING

Concentrate: 3/1 gal.

Closed Loop Concentrate: 3/1 gal.

DILUTION USE

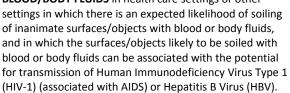
Disinfection (1:256) 1/2 oz. per gallon of water (550 ppm active quat) Sanitizer (1:352) 2 oz per 5 1/2 gallons of water (0.37 oz. per gallon of water) (400 ppm active quat) Sanitizer (1:704) I oz. per5 1/2 gallons of water (3/4 oz per 4 gallons of water) (0.19 oz. per gallon of water)



(200 ppm active quat)







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

PERSONAL PROTECTION: Clean up should always be done wearing protective gloves, gowns, masks & eye protection.

Sanitizer (1:938) 3/4 oz. per 5 1/2 gallons of water (0.14 oz. per gallon of water) (150 ppm active quat)

GENERAL USE DIRECTIONS

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

DISINFECTION: Apply use-solution with a cloth, mop, sponge, sprayer, or by immersion, thoroughly wetting surfaces. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray.

Note: For spray applications, cover or remove all food products. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth, sponge or mop or allow to air dry. Rinse food contact surfaces such as counter tops, tables, picnic tables, appliances and / or stove tops with potable water prior to reuse. Do not use on glasses, dishes or utensils as a disinfectant.

For heavily soiled areas, a preliminary cleaning is required. For mold and mildew, 1/2 oz. of product per gallon of water (or equivalent dilution) will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

NON-ACID TOILET BOWL AND URINAL DISINFECTANT **DIRECTIONS:** Remove gross filth prior to disinfection. From concentrate: Add 1/2 oz. of concentrated product to the toilet bowl or urinal and mix. Brush thoroughly over exposed surfaces and under the rim with a cloth, mop or sponge. Allow to stand for 10 minutes and flush.

From use-solution: Empty toilet bowl or urinal and apply a use-solution of 1/2 oz. per gallon of water (or equivalent dilution) to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer. Brush or swab thoroughly, then allow to stand for 10 minutes and flush. FOR USE ON FINISHED FLOORS: To limit gloss reduction use product at 1/2 oz. per gallon of water. Apply with a damp mop or autoscrubber.







TECHNICAL BULLETIN: Clean Quick®

Quaternary Broad Range Sanitizer

CLEANING PROCEDURE: Blood and other body fluids containing HIV-1 or HBV must be thoroughly cleaned from surfaces and objects before application of Bardac 205M-1 4.08. CONTACT TIME: Leave surfaces wet for 10 minutes with a 1/2 oz:per gallon of water use solution (or equivalent dilution). DISPOSAL OF INFECTIOUS MATERIAL: Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber, chemical resistant) gloves when handling. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove and wash contaminated 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 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

EFFICACY

Clean Quick * is a Hospital Disinfectant, Bactericidal according to the current AQAC Disinfectants Use-Dilution Method, Fungicidal according to the AOAC Fungicidal Test, and Virucidal according to the virucidal qualification, modified in the presence of 5% organic serum, is effective in 10 minutes, when used as directed, against:

Bacteria:

Pseudomonas aeruginosa (Pseudomonas) Salmonella enterica (Salmonella) Staphylococcus aureus (Staph) Brevibacterium ammoniagenes Campylobacter jejuni







Bacteria (continued):

Escherichia coil 0157:H7 (pathogenic E. coli)
Escherichia coli (E. coli)
Kiebsiella pneumoniae
Listéria monocytogenes
Pseudomonas cepacia
Salmonella typhimurium
Yersinia enterocolitica

Human Virus:

Adenovirus Type 5
Adenovirus Type 7
Hepatitis B Virus [HBV]
Herpes Simplex Virus Type 1
Herpes Simplex Virus Type 2
H1V-1 (AIDS Virus)
Influenza A2/Hong Kong
Influenza A (2009 H1N1)
Norwalk Virus (Norovirus)
SARS Associated Human Coronavirus
Vaccinia Virus (Pox Virus)

Animal Virus:

Feline Calicivirus (Norwalk Surrogate)

Fungi:

Trichophyton mentagrophytes (Athlete's Foot Fungus)

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS # 95336935

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com

Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE
(1-888-474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

DISCLAIMER

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30-4209-01 – Updated 2/14/13





TECHNICAL BULLETIN: P&G Pro Line ™

Disinfecting Floor & Surface Cleaner

DISINFECTANT CLEANER**

DESCRIPTION

P&G Pro Line TM Disinfecting Floor & Surface Cleaner: Combines quaternary actives with powerful cleaning agents, buffered to a neutral pH for no-rinse cleaning and hospital grade disinfecting. Recommended for use as an all-purpose cleaner, disinfectant and deodorizer as part of a regular maintenance program.

BENEFITS

- Kills a broad spectrum of bacteria, viruses, and fungi.
- Helps control cross-contamination and reduce the spread of infection.
- Cleans, disinfects & deodorizes in one labor saving step.

APPLICATIONS

This product is recommended for use in hospitals, medical and dental offices, nursing homes, public rest rooms, institutions, schools, colleges, athletic facilities, food processing plants, poultry processing areas, poultry premises, food storage areas, kitchens, restaurants and bars, barber shops, hair salons, tanning salons, massage parlors, tattoo parlors, spas, airports, boats, ships, cruise lines, transportation terminals, hotels and motels.

ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chlorides......7.68%

EPA REGISTRATION

EPA Reg. No. 8155-23-3573

PACKAGING

Concentrate: 4/1 gal.

Closed Loop Concentrate: 4/1 gal.

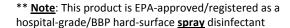
USE DILUTION

For water hardness up to 250 ppm, dilute 1 ounce per gallon of water; for water hardness up to 400 ppm, dilute 1 1/3 ounces per gallon of water, to disinfect hard non-porous surfaces. For heavy duty use, dilute 4 ounces per gallon of water to disinfect hard non-porous surfaces.

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Disinfection/
Virucidal Directions: For heavily soiled areas, a preliminary cleaning is required. Apply use-solution to hard, inanimate, non-porous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge or **sprayer****. Treated surfaces must remain wet for 10 minutes. Allow surface to air dry. Prepare a fresh solution daily or when use solution becomes diluted or soiled.

For sprayer applications**, use a coarse spray device. Spray 6-8 inches from surface. Do not breathe spray mist. For food contact surfaces such as counters, tables and appliances, thoroughly rinse surfaces with potable water. Do not use on dishes, glasses and utensils.



*KILLS HIV AND HEPATITIS B (HBV) ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/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 I (HIV-I) (associated with AIDS) or Hepatitis B Virus (HBV). SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-I OR HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Clean-up should always be done wearing protective latex gloves, gowns, masks and eye protection. Cleaning Procedure: Blood and other body fluids containing HIV or HBV must be thoroughly cleaned from surfaces and objects before application of this disinfectant. Contact Time: For HIV: Use I oz. of concentrate per gallon of water. Leave surface wet for 2 minutes. For HBV: Use 1 1/3 oz. of concentrate per gallon of water. Leave surface wet for 10 minutes. For disinfection against all other bacteria and fungi claimed: Use a 10 minute contact time. Disposal of Contaminated Material: Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste material.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves. Harmful if swallowed and/or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

FIRST AID: Have the product container or label with you when calling a poison control center or doctor, or going 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 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 with plenty of water for 15-20 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.













TECHNICAL BULLETIN: P&G Pro Line

Disinfecting Floor & Surface Cleaner

DISINFECTANT CLEANER**

PRECAUTIONARY STATEMENTS (continued)

FIRST AID (continued):

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor

for further treatment advice. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

EFFICACY

This product is a hospital-use disinfectant at 1 ounce per gallon of water, modified in the presence of 250 ppm hard water and at 1 1/3 ounces per gallon of water, modified in the presence of 400 ppm hard water, It is bactericidal according to the AOAC Use-Dilution Test Method, virucidal according to the Virucidal Qualification on hard inanimate surfaces, fungicidal according to the AOAC Fungicidal Test, and modified in the presence of 5% organic serum. Effective, when used as directed, against:

Bacteria (10 minute contact time):

Pseudomonas aeruginosa

Staphylococcus aureus

Salmonella choleraesuis

Acinetobacter baumanii

Brevibacterium animoniagenes

Chlamydia psittaci

Enterobacter aerogenes

Enterobacter cloacae

Enterococcus faecalis

Klebsiella pneumoniae

Proteus vulgaris

Salmonella schotimuelleri

Salmonella typhimurium

Serratia marcescens

Shigella dysenteriae

Clair all a flance and

Shigella flexneri

Shigella sonnei

Staphylococcus epidermidis

Streptococcus pyogenes

Antibiotic Resistant Bacteria (10 minute contact time):

Enterococcus faecalis (Methicillin Resistant)

Enterococcus faecalis(Vancomycin Resistant)

Escherichia coli (Methicillin Resistant)

Kiebsiella pneumoniae(Methicillin Resistant)

Staphylococcus aureus (Methicillin Resistant-MRSA)

Staphylococcus aureus (Vancomycin Intermediate

Resistant -VISA)

** <u>Note</u>: This product is EPA-approved/registered as a hospital-grade/BBP hard-surface <u>spray</u> disinfectant.

EFFICACY (continued)

Human Virus (2 minute contact time): Avian Influenza/Type A(Turkey/Wisc.)(H9N2) HBV Hepatitis B Virus Herpes simplex Type I Herpes simplex Type 2 HIV-1 (AIDS Virus)

Influenza A (2009 H1N1) Influenza A/PR

Rubella

Vaccinia

Fungi (10 minute contact time):

Aspergillus niger Candida albicans

Trichophyton mentagrophytes

Product can be used to meet OSHA Blood Borne Pathogens requirments.

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS #: 98668769

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com

Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE
(1, 988, 474, 7765)

(1-888-474-7765)

Hours of Operation: 8:30am – 8pm ET Mon-Fri

DISCLAIMER

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27-4209-01 - Updated 2/15/13











TECHNICAL BULLETIN: P&G Pro Line ™

Carpet Extraction Cleaner/Sanitizer

DESCRIPTION

P&G Pro Line TM Carpet Extraction Cleaner/Sanitizer is a one step extraction cleaner designed to clean and sanitize carpets and upholstery while eliminating problematic odor-causing bacteria.

BENEFITS

- Formulated with highly effective dual chain quarternaries and synergistic blend of detergents to clean, sanitize, and deodorize carpets in one easy step. Helps eliminate and prevent odor-causing bacteria growth during carpet drying after cleaning.
- Designed for use with portable extractors or truckmounted systems to clean, sanitize and deodorize carpets, upholstery, and water-safe fabrics.

APPLICATIONS

This product is a low-foaming carpet shampoo formulated for use with extraction and carpet cleaning equipment. It contains "twin-chain" quaternary ammonium compounds to reduce the growth of gram-negative and gram-positive odor forming bacteria. It is fortified with odor counteractants to neutralize unpleasant malodors.

Recommended for use on washable synthetic fibers, but not recommended for use on wool carpets. It removes greasy soil, leaves no residue to promote resoiling and eliminates soil re-deposition to vacuum pick-up tanks.

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chlorides	0.60%
Dioctyl dimethyl ammonium chlorides	.0.24%
Didecyl dimethyl ammonium chlorides	.0.36%
Alkyl (C14 5(1%, C12, 40%, 06 10%)	
dimethyl benzyl ammonium chlorides	0.80%

EPA REGISTRATION

EPA Reg. No. 8155-17-3573

PACKAGING

4/1 gal. concentrate

GENERAL USE DIRECTIONS

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

To Clean, Sanitize and Deodorize Carpets: Vacuum carpet before cleaning. Mix two (2) ounces of product per gallon of water, inject and extract as you would other steam cleaning shampoos. For rotary floor machine, mix four (4) ounces of product per gallon of water. Spray carpet at rate of 200 — 300 square feet per gallon.

Note: Test color fastness of carpet before use. Apply diluted cleaner to a small concealed spot, then rub with a clean white cloth. If color transfers to cloth or changes, a water-based product should not be used.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Do not get







in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves. Harmful if swallowed. Wash thoroughly with soap after handling. Remove contaminated clothing and wash before reuse. FIRST AID: Have the product container or label with you when calling a poison control center or doctor, or going 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 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 with plenty of water for 15-20 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 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 to an unconscious person. Call a poison control center or doctor for further treatment advice. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

EFFICACY

Ideal for healthcare & commercial applications. Helps with odor elimination/reduction, particularly if carpet dries slowly after cleaning. Provides sanitizing level of germ kill of odor-causing bacteria, when used as directed.

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS #: 98668762

CONTACT INFORMATION

Procter & Gamble Professional website: PGPro.com

Customer Contact Center: 1-800-332-7787

P&G PRO LINE Customers: 1-888-4PGPROLINE (474-7765)

Hours of Operation: 8:30am - 8pm ET Mon-Fri

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29-4209-01 - Update - 2/21/13





TECHNICAL BULLETIN: P&G Pro Line ™

Daily Sanitizing Restroom Cleaner

DESCRIPTION

P&G Pro Line ™ Daily Sanitizing Restroom Cleaner:

- Removes & prevents tough soap scum & hard water stain build-up.
- Effectively kills germs by sanitizing restroom surfaces, including toilets and urinals above the water line
- 3. Cost-effective One gallon of the concentrate makes 20 quart spray bottles of cleaner!
- 4. Foaming sprayer provides effective coverage for cleaning & sanitizing restroom surfaces.

BENEFITS

Designed to help improve cleaning productivity

- Saves time Minimal scrubbing & rinsing needed!
- Minimizes training time
- Fewer products No need for separate deodorizer

APPLICATIONS

Restroom/bathroom surfaces, Glazed Porcelain, Fiberglass, Glazed Ceramic, Stainless steel, Tile, Synthetic/Cultured marble, Formica, Chrome, Toilet exteriors, Urinal exteriors, Countertops, Sinks, Fixtures, Showers/Tubs, Shower walls and doors, Laminated surfaces, Plastic laminate, Sealed granite, Enamel. For all other surfaces, test on a small area before use. Do not use on NATURAL MARBLE.

ACTIVE INGREDIENTS - Concentrate

Citric acid......6.0%

EPA REGISTRATION

EPA Reg. No. 3573-54

PACKAGING

Auto Dilution Concentrate: 4 x 1 gallon / 3.78 L

GENERAL USE DIRECTIONS

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

GENERAL CLEANING DIRECTIONS: Apply to hard, non-porous surfaces. Spray directly onto surface. Rinse or wipe clean. For tougher soils, allow to soak. Rinse all surfaces that come in contact with food with potable water before reuse.

For ready-to-use containers (diluted from concentrate): TO CLEAN AND SANITIZE (hard, non-porous surfaces): For heavily soiled areas, clean before sanitizing following sanitizing directions. For daily cleaning & sanitizing, dilute mix I part concentrate product with 4 parts water. Thoroughly wet hard, non-porous surfaces for 5 minutes, then rinse or wipe clean. Spray product on surface and let

TOILET BOWLS AND URINALS: Empty water from the toilet bowl or urinal. Hold 6-8" from surface. Spray exposed surfaces. Brush thoroughly. Let stand for 5 minutes, then flush.

KILLS HIV ON PRECLEANED 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 on inanimate surfaces I objects with blood or body fluids, and in which the surfaces I objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

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

Personal Protection: Clean-up should always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of this product. Contact Time: Leave surface wet for 1 minute. Use a 5 minute contact time for all other bacteria, viruses and fungi listed on this label.

Disposal of Infectious Materials: Blood, body fluids, cleaning materials and other clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: KEEP OUT OF REACH OF CHILDREN. Causes eye irritation. Avoid contact with eyes. May be harmful if swallowed. Do not mix with bleach or mildew stain removers as irritating fumes may result.

FIRST AID: First Aid Procedures:

INGESTION: Immediately drink 1-2 glasses of water and call a doctor or Poison Control Center (product contains an alcohol ethoxylate). Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Have the product container or label with you when calling or going for treatment.

EYE CONTACT: 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.

SKIN: Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing.



stand 5 minutes before wiping.











TECHNICAL BULLETIN: P&G Pro Line ™

Daily Sanitizing Restroom Cleaner

EFFICACY

This product is a non-food contact <u>sanitizer</u> (1:4 dilution, 5 minute contact time) that kills, eliminates, destroys, and when used as directed, removes:

Bacteria:

Enterobacter aerogenes Staphylococcus aureus (Staph)

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties: See Procter & Gamble MSDS #: 15154320

CONTACT INFORMATION

Procter & Gamble Professional ~ PGPro.com **Customer Contact Center:** 1-800-332-7787 **P&G PRO LINE Customers:** 1-888-4PGPROLINE (1-888-474-7765)

Hours of Operation: 8:30am – 8pm ET Mon-Fri

DISCLAIMER

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This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

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TECHNICAL BULLETIN: P&G Pro Line ™

Thickened Acid Toilet Bowl Cleaner

DESCRIPTION

P&G Pro Line [™] Toilet Bowl Cleaner is a Highly effective acid formula that removes and helps keep toilet bowls and urinals free of hard water build-up. Cleans, disinfects, deodorizes and removes mineral deposits and rust.

BENEFITS

- Helps extend time between treatments.
- Medical environment disinfectant that kills a broad spectrum of germs, including HIV, Salmonella, Staphylococcus, Pseudomonas, and odor-causing bacteria – Proteus Mirabilis and E. Coli
- Bottle design allows easy application under the rim, while thick formulation clings to surfaces, reducing the need for manual scrubbing.

APPLICATIONS

Recommended for use in commercial and industrial buildings, households, schools, manufacturing plants, public restrooms, hotels and motels. For use inside toilet bowls and urinals. Use of this toilet bowl cleaner on other than vitreous ware (porcelain, ceramic, glass) is done at user's risk. This product can also be used as a periodic or restorative TBC in conjunction with daily use of P&G's mild acid TBC, Mr. Clean TBC/Restroom Disinfectant product, particularly in a high water hardness environment.

ACTIVE INGREDIENTS

Hydrogen Chloride	9.50%
n-Alkyl (C14 60%, C16 30%, C12 5%, C18 5%)	
dimethyl benzyl ammonium chlorides	0.05%
n-Alkyl(C12 68%, C14 32%) dimethyl	
ethylbenzyl ammonium chlorides	0.05%

EPA REGISTRATION

EPA Reg. No. 8155-6-3573

PACKAGING

8/32 oz. Squeeze Bottle-Spout

GENERAL USE DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **General Cleaning:** Open cap. Squeeze gently directing bowl cleaner under rim and on sides of bowl, inside only. Brush clean and flush toilet. Close cap. Rinse brush with clean water. Do not use on any other surfaces including toilet seat, toilet lid, countertops, tubs and sinks. To clean other acid resistant surfaces, dilute product with 3 parts water. Do not allow solution to remain on surfaces without immediately rinsing thoroughly with water.

To Disinfect Toilet Bowls & Urinals: Remove water from bowl or urinal. Squeeze gently 1 ounce of bowl cleaner onto bowl brush. Clean entire unit, especially under rim at water outlets. Allow to remain 10 minutes.

GENERAL USE DIRECTIONS (Continued)

Flush and rinse out bowl brush with clean water. A preliminary cleaning is required for the removal of heavy soil prior to disinfection.

Effective against HIV-1(AIDS VIRUS). Product was evaluated and found to be an effective virucide-in the presence of 5% serum against the virus HIV-I (Human Immunodeficiency Virus 1, commonly referred to as AIDS VIRUS) on inanimate surfaces. KILLS HIV 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(HIV-1)(associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV ON

SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

Personal Protection: Disposable latex gloves, gowns, masks and splash resistant goggles must be worn when handling items soiled with blood or body fluids.

Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant. See disinfection directions

application of this disinfectant. See disinfection direction above. **Contact Time:** Leave surface wet for 10 minutes. **Disposal of Infectious Material:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger: Corrosive. Causes eye and skin damage. May be fatal if swallowed. Do not breathe vapor or fumes. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Use with adequate ventilation.

Chemical Hazards: Never use with chlorine products. Can react to give chlorine gas. If this occurs, flush toilet to remove chemicals and leave area. Do not return for half an hour. Ventilate if possible. Never use or mix with other cleaners or chemicals. Do not use on any surface that can be damaged by acidic materials. Many surfaces are not resistant to acid. Do not use on PVD finished surfaces. 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 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 with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.













TECHNICAL BULLETIN: P&G Pro Line ™

Thickened Acid Toilet Bowl Cleaner

FIRST AID (Continued)

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If 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 to an unconscious person. Call a poison control center or doctor for further treatment advice.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week; 6:30 am to 4:30pm Pacific Time (NPIC Web site: www.npic.orst.edu).

EFFICACY

When used as directed, with 10 minute contact time, product demonstrates effective disinfection against:

Bacteria:

Salmonella choleraesuis Staphylococcus aureus

Antibiotic Resistant Bacteria:

Enterococcus faecalis - Vancomycin Resistant(VRE) Staphylococcus aureus - Methicillin Resistant(MRSA)

Virus:

HIV-1 (AIDS Virus)

Efficacy tests have demonstrated it to be an effective onestep toilet bowl cleaner disinfectant in the presence of organic soil (5% blood serum).

PHYSICAL AND CHEMICAL PROPERTIES

For a list of Physical and Chemical Properties, See Procter & Gamble MSDS #: 98668756

CONTACT INFORMATION

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