



Glass/Multi-Surface Non-ammoniated

A concentrated economical cleaner designed for cleaning all types of glass and glassware without streaking. This product is also safe to use on any type tile, chrome, vinyl, plastic or stainless steel surface.

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- Spray diluted product on surface to be cleaned and wipe dry with a clean cloth or paper towel.

A potable water rinse is required when used in federally inspected meat and poultry plants.



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a01

Core Facts

Fast-drying
Solvent-free
Non-flammable
Non-streaking

Typical Properties

Specific Gravity: 1.01
pH: 11.0
Appearance: Clear blue
Fragrance: Pleasant

Dilution Ratios

Low: 1:32
High: 1:64



TM

a01/1006



Daily Floor Care Neutral Cleaner

This product is formulated for use on all surfaces. Ideal for maintenance of finished floors, **a02** works well in hard water and contains no harsh or abrasive ingredients. It easily removes daily accumulations of oils, greases and other soils.

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- Apply with a mop or automatic scrubber. Floors should be rinsed if applying a new coat of finish.



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a02

Core Facts

Lemon scented neutral cleaner for use on all surfaces

Ideal for regular maintenance of finished floors
Phosphate Free

Typical Properties

Specific Gravity: 1.01

pH: 9.0

Total Solids: 13.3%

Appearance: Clear yellow

Fragrance: Lemon

Dilution Ratios

Low: 1:32

High: 1:256



TM

a02/1006

Green Neutral Cleaner

Neutral Cleaner

This product is formulated for use on all surfaces. Works well in hard water and contains no harsh or abrasive ingredients. Excellent for routine maintenance of finished floors. May be used with automatic scrubbers. Perfect for all general cleaning.

Directions

- ✿ Open cabinet.
- ✿ Remove cap from bottle.
- ✿ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ✿ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ✿ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ✿ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**



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a03

Highlights

DfE Recognized For Safer Chemistry
Ideal for regular maintenance of finished floors

Typical Properties

Specific Gravity: 1.01
pH: 8.8
Appearance: Pink
Fragrance: Pleasant

DILUTION RATIOS

Low: 1:32
High: 1:64



a03/1006

Green Degreaser

No Solvent

The cleaner of the future- a cleaner without harmful toxic vapors that is more appealing than water soluble solvent cleaners. This concentrate will clean and deodorize simultaneously in one easy operation. This product is environmentally appealing because it contains no soaps, phosphates, or highly toxic solvents. Recommended for use where water soluble solvent cleaners cannot be used and where all greasy, oily soils exist.

Designed to be used by: Food Processing Plants, Offices, Farms, Garages, Lounges, Factories, Schools, Nurseries, Restaurants, Service Stations, Meat Processing Plants, Clinics, Stores, Distilleries, Golf Courses, and Hospitals

Suitable for use on: Walls, Floors, Steel Files, Fans, Machinery, Tile, Engines, Brick, Filters, Metal Stock, Plastics, Conveyors, Desks, Tires, Showers, Lockers, Grills, Rubber, Sinks, Pools, Paint, Utensils and Bathrooms

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- Apply solution with mop, sponge, or trigger sprayer. Rinse thoroughly after use.

A POTABLE WATER RINSE IS REQUIRED WHEN USED IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS.



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a04

Highlights

DfE Recognized For Safer Chemistry
Highly effective on oil stains
Works well in hard and soft water
Works well in hot and cold water
Non-flammable
Non-corrosive

Typical Properties

Specific Gravity: 1.03
pH: 11.5
Rinsability: Excellent
Appearance: Clear green
Fragrance: Fresh

Dilution Ratios

Low: 1:32
High: 1:128



a04/1006

Odor Neutralizer

Water Soluble Deodorant Concentrate

This unique product finds infinite applications where malodors exist, exhibiting unparalleled results. It eliminates odors caused by de-composition, pets, vomit, food, smoke damage, etc. For use in carpet shampooing equipment and other cleaning applications.

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, leaving the adapter cap inside for loading more bottles in the future. Be careful not to lose the adapter cap.
- **Hospitals, Nursing Homes, Veterinary Centers, Schools, Industrial Plants, Etc:** To eliminate the odors caused by decomposition, urine, pet droppings, vomit, fecal matter or blood, from bed pans, urinals, carpets, floors, walls, sinks, and drains. Spray solution on the surface or on sponge, and rinse. For floors, walls and carpets, solution may be used with soap or detergent.
- **Cleaning, General Purpose:** Will effectively eliminate odor from food spills, pets, industrial water, toilet backups, garbage, locker rooms, laundry rooms and carts, etc. Use as a spray on top of full garbage cans, in wash down areas and waste receptacles. Excellent for overcoming smoke odors from fires.
- **Air Freshening:** To eliminate odors of smoke, beer and alcohol, spray room liberally. Repeat every four hours.
- **Buses, Trains, Airplanes:** Spray solution around galley. Spray solution directly on vomit and surrounding area.
- **Restrooms:** Spray solution on porcelain and tile surfaces or on sponge, and rinse.

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a05

Core Facts

Strong floral scent
Water-dilutable

Typical Properties

Specific Gravity: 0.962
pH: 7.0
Appearance: Clear colorless
Fragrance: Floral

Dilution Ratios

Low: 1:64
High: 1:64



TM

a05/1006

Carpet Extraction/ Spotter

Excellent Anti-Resoiling Properties

A concentrated low foaming steam extraction and bonnet cleaner that works effectively on all types of carpets, including the latest generation of stain resistant carpets. Formulated with synthetic wetting agents, grease emulsifiers, water softeners and optical brighteners. Leaves a nice fresh scent. Excellent anti-resoiling properties keep carpet clean longer than conventional extraction products.

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- For steam extraction add solution directly to tank. Pre-spray heavily soiled or traffic lane areas. Spray approximately 100 sq. ft. at a time, holding sprayer 12" to 16" above carpet. Avoid soaking carpet. Dampen bonnet pad with water, do not soak. Spray bonnet with cleaning solution and place bonnet under machine on carpet, sprayed-side down. Buff carpet over sprayed area, turning the pad over or changing it when heavily soiled. Allow carpet to dry for 30 minutes to an hour then vacuum thoroughly. NOTE -if furniture must be replaced before carpet is dried, place cardboard strips under furniture legs.



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a06

Core Facts

Excellent anti-resoiling properties
Safe on stain-resistant (fifth generation) carpets
Excellent extraction and bonnet cleaner
Leaves a pleasant fresh scent

Typical Properties

Specific Gravity: 1.045
pH: 8.0
Phosphates (P2O5): <1%
Solids: 15.0%
Solvents: 4.0%
Appearance: Clear light blue liquid
Fragrance: Fresh

Dilution Ratios

Low: 1:32
High: 1:256



a06/1006



All Purpose Cleaner

Phosphate Free

This product is an exceptionally versatile cleaner specially formulated to be used in Institutional, Commercial and Industrial operations. Cleans virtually any surface requiring a hard working, fast acting, all purpose cleaner that provides superior cleaning. It is biodegradable and contains no phosphates or damaging solvents. Formulated with chelating agents for effective no-film cleaning in soft or hard water.

Directions

- ✿ Open cabinet.
- ✿ Remove cap from bottle.
- ✿ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ✿ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ✿ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ✿ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ✿ **Floors:** Scrub, or mop floor with solution, remove dirt with squeegee or damp mop. Rinse if desired.
- ✿ **Walls, woodwork, tile, porcelain, enamel, and metal surfaces:** Wipe surfaces with solution and rinse with clear water.



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a07

Core Facts

Phosphate free

Ideal for regular maintenance of finished floors

Typical Properties

Specific Gravity: 1.02

pH: 10.5

Total Solids: 11.8%

Phosphates (as P2O5): None

Appearance: Clear blue liquid

Fragrance: Pleasant

Dilution Ratios

Low: 1:32

High: 1:256



TM

a07/1006

Orange Degreaser

Non-butyl, All-purpose

This product is an excellent economical all-purpose cleaner and degreaser formulated with a synergistic blend of non-ionic and anionic surfactants, chelating agents, and citrus solvents. Safe to use on most water washable surfaces in schools, motels, hospitals, grocery stores, body shops, etc.

Directions

- ⊗ Open cabinet.
- ⊗ Remove cap from bottle.
- ⊗ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ⊗ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ⊗ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ⊗ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ⊗ Apply with a mop, sponge, or a trigger sprayer. Wipe off or rinse with water (water rinse is required if used in federally inspected meat and poultry processing plants).

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a08

Core Facts

Non-butyl
Contains d'Limonene
Excellent all-purpose degreaser

Typical properties

Specific Gravity: 1.02
pH: 12.0
Detergent Solids: 12.7%
Total Alkalinity(as Na2O): 2.0%
Appearance: Clear orange
Fragrance: Orange

DILUTION RATIOS

Low: 1:32
High: 1:128



a08/1006

Neutral Disinfectant

HIV-1 • Hepatitis B • MRSA • Influenza

Disinfectant-Pseudomonacidal-Staphylocidal-Salmonellacidal-Bactericidal
Fungicidal-Mildewstatic-*Virucidal

A multipurpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO₃) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step.

Effective against a broad range of microorganisms, such as *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, *Listeria monocytogenes*, *Staphylococcus aureus* (methicillin resistant) (MRSA), Vancomycin resistant *Enterococcus faecalis* (ATCC 51575), and Vancomycin intermediate Resistant *Staphylococcus aureus* (VISA), **Herpes simplex type 1*, **Herpes simplex type 2*, **HIV-1* or *HIV-2* (associated with AIDS), *Hepatitis B Virus* (HBV), *Hepatitis C Virus* (HCV), **Influenza A/Hong Kong*, *Trichophyton mentagrophytes* in the presence of 400 ppm hard water and 5% organic serum.

Directions

- ⊗ Open cabinet.
- ⊗ Remove cap from bottle.
- ⊗ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ⊗ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ⊗ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ⊗ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ⊗ Remove heavy soil deposits from surface. Then thoroughly wet surface with a solution of ½ ounce of the concentrate per gallon of water. The solution can be applied with a cloth, mop, sponge, or coarse spray, or soaking. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride.....	6.510%
Diocetyl dimethyl ammonium chloride.....	3.255%
Didecyl dimethyl ammonium chloride.....	3.255%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chlori.....	8.680%
INERT INGREDIENTS.....	78.300%
TOTAL.....	100.000%

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a09

Core Facts

Fresh fragrance

Neutral pH

Hospital-grade

Effective against HIV-1, HIV- 2, MRSA, VRE, VISA, Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV)

Typical Properties

Specific Gravity: 1.01

pH: 7.0

Active Ingredients (quaternary ammonium chlorides): 21.7%

Appearance: Clear green

Fragrance: Fresh

Dilution Ratios

Low: 1:256

High: 1:256



TM

a09/1006

Disinfectant Restroom Cleaner

HIV-1 • Hepatitis B • MRSA • Influenza

This product is a cleaner and disinfectant designed for light industrial cleaning. For use on walls, floors and any inanimate hard nonporous surfaces. When used as directed, these disinfectants will also deodorize those areas which generally are hard to keep fresh smelling, such as garbage pails, sink tops, and bathroom areas which are prone to odors caused by the growth of some micro-organisms.

When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against *Salmonella choleraesuis*, *Staphylococcus aureus*, and is fungicidal against the pathogenic fungi, *Trichophyton metagrophyes* (Athlete's Foot Fungus). When diluted at the rate of 3 ounces per gallon of water, this product exhibits effective disinfectant activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis B Virus (HBV), *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, Methicillin resistant *Staphylococcus aureus* (MRSA), and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), and meets all requirements for hospital use.

Directions

- Open cabinet.
- Remove cap from bottle.
- Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- For best results, use these disinfectants with a cloth or mop and apply to walls, floors, table tops, counters and garbage pails.
- For heavy soil, a pre-cleaning step is required before using these disinfectants. Thoroughly wet all surfaces. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

ACTIVE INGREDIENTS:

n-alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides:.....1.6%
n-alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides:..... 1.6%

OTHER INGREDIENTS:.....96.8%

TOTAL:.....100.0%



a10

Core Facts

3.2% dual quaternary ammonium compound

2 oz/gal dilution for non-medical uses

3 oz/gal dilution for medical uses
Economical

Typical Properties

Specific Gravity: 1.042

pH: 11.0

Active Quats: 3.2% min.

Appearance: Clear yellow

Fragrance: Lemon

Dilution Ratios

Low: 1:64

High: 1:64



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Friendly Acid Restroom Cleaner

NON-CORROSIVE, NON-CAUSTIC, PHOSPHATE FREE

Safe, organic restroom cleaner that cleans just like an acid, making it an ideal replacement for harsh hydrochloric and phosphoric acids. This thick clinging formula will remove the toughest stains from toilets, urinals, tubs, showers, tile and grouting.

Directions

- ❖ Open cabinet.
- ❖ Remove cap from bottle.
- ❖ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ❖ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ❖ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ❖ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ❖ Wipe with cloth, bowl swab or sponge and rinse well. For large areas spray or foam onto the surface, allow product to sit, then wipe and rinse well.
- ❖ NOTE: WHEN USED ON METAL SURFACES PRODUCT SHOULD BE WIPED AND RINSED IMMEDIATELY!
- ❖ TEST: If you are unsure of a surface, PARTICULARLY METAL, test in an inconspicuous area using a small amount of this product. This will determine how long you need to leave it on the surface and the correct dilution factor.



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a11

Core Facts

An ideal replacement for traditional harsh acid cleaners

Non-corrosive
Non-caustic
Non-fuming
Non-toxic
Phosphate Free
Removes Tough Stains
Pleasant Fragrance

Typical Properties

pH: <2.0
Viscosity: 700 cps
Total Acidity: 12.5%
Appearance: Clear green
Fragrance: Pleasant

Dilution Ratios

Low: 1:22
High: 1:22



TM

a11/1006

H2O2 Cleaner

H2O2 All-purpose Cleaner

This product is a synergistic blend of a highly biodegradable surfactant system, stabilized hydrogen peroxide and citrus terpenes. This all-purpose cleaner/degreaser is environmentally friendly and is formulated with raw materials derived from natural sustainable resources to quickly remove everyday soils and stains. The surfactant system meets Green Seal's GS-37 standard and is based on our DST technology (Fast Dynamic Surface Tension), allowing for superior penetration and removal of oily/greasy soils. Hydrogen peroxide reacts with organic stains, breaking them down and neutralizing the unpleasant odors. This product effectively cleans windows, mirrors, floors, walls, carpet, restrooms, kitchens, tile and grout.

Directions

- ✿ Open cabinet.
- ✿ Remove cap from bottle.
- ✿ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ✿ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ✿ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ✿ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ✿ Always pre-test for color fastness in an inconspicuous area before use. Do not use on marble and other acid sensitive surfaces. Do not mix with other chemicals. When using a pump sprayer, adjust to deliver a coarse spray; avoid breathing spray mist.
- ✿ **Glass/mirrors:** Spray surface and wipe with a lint free cloth. Other spray and wipe cleaning/degreasing: Spray surface and wipe with sponge, brush, mop or cloth. Floors: For daily cleaning, fill bucket or an automatic scrubber with solution. Change solution as needed. Carpet bonnet/ extraction: Clean carpet following the machine manufacturer's instructions. Do not over wet. If carpet has been previously shampooed, a de-foamer may be needed in the recovery tank. After cleaning, brush carpet pile in one direction with carpet pile brush. Avoid walking on carpet until thoroughly dry. If furniture is replaced before carpet is dry, place protective pads under legs. When carpet is completely dry, vacuum thoroughly. Spot removal/traffic lane pre-spray: Spray, let sit for 5-10 minutes, and rinse or extract with clean tap water. Grout: Spray, let sit for 10-15 seconds, scrub and rinse.



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a12

Core Facts

DfE Recognized
 Non-Combustible
 Butyl Free
 Biodegradable
 Non-Corrosive
 Phosphate-Free
 Pleasant Scent

Typical Properties

Specific Gravity: 1.02
Appearance: Clear colorless
Fragrance: Pleasant

Dilution Ratios

Low: 1:22
High: 1:256



TM

a12/1006

Sanitizer

Quaternary Ammonium

An all purpose "dual-chain" quat for sanitizing food processing equipment in meat, poultry, dairy and other food plants. May also be used for sanitizing egg shells and as a hand dip. Effective disinfectant against Salmonella, Staph, Pseudomonas, and Listeria in schools, hospitals, offices and other institutions. Controls algae in swimming pools and industrial cooling systems.

Directions

- ❖ Open cabinet.
- ❖ Remove cap from bottle.
- ❖ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ❖ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ❖ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ❖ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ❖ Follow label directions closely for safe and efficient sanitizing and disinfecting. It is a violation of Federal Law to use this product in a manner with its labeling.
- ❖ **SANITATION:** Thoroughly wet all surfaces. Treated surfaces must remain wet for 1 minute. Fresh solution should be prepared daily or when the use solution becomes visibly dirty. For mechanical applications, use solution may not be reused for sanitizing applications. If used for sanitation of previously cleaned or food contact items, limit the level of active quaternaries to 200 ppm. (1 ounce per 4 gallons) For heavily soiled or organic matter, a pre-cleaning step is required. Gross food particles and soil must be removed by a pre-flush, pre-scrape, or pre-soak treatment. All surfaces must be thoroughly washed with a good detergent and rinsed with potable water before sanitizing solution is used.
- ❖ **COLD DISINFECTION:** For disinfection of previously cleaned barber tools simply submerge instruments into solution containing 1 1/2 oz. concentrate per gallon of water. For sanitizing and disinfecting floors, walls and inanimate hard surfaces. For Schools, Locker Rooms, Garbage Pails, Sink Tops, Corridors, Classrooms, Offices and Shower Stalls. Apply solution with mop or cloth. Sanitize with 1 ounce concentrate to 4 gallons of water. Disinfect with 3 ounces concentrate to 5 gallons of water. Kills Staphylococcus aureus, Salmonella choleraesuis and Listeria monocytogenes.
- ❖ **RESTAURANT AND BAR RINSE:** Dishes, glassware, silverware, cooking utensils, wash with soap and synthetic detergent: rinse thoroughly and immerse in a sanitizing solution containing 1 to 2 ounces of this product per 4 gallons of water (or equivalent use dilution)(200-400 ppm active quaternary). No Terminal Potable Water Rinse is Required.
- ❖ **HOSPITALS:** For floors, walls and other hard surfaces. In Nursing Homes, Institutions, as well as Sink Tops, Garbage Pails, Telephones and Restrooms, use concentrate at 3 1/2 ounces per 5 gallons of water. At this level it will be effective against Pseudomonas aeruginosa PRD-10.
- ❖ **FOOD PROCESSING EQUIPMENT:** For sanitization of food processing equipment and food utensils dilute 1 to 2 ounces of this product per 4 gallons of water (or equivalent use dilution)(200-400 ppm active quaternary). At this level, No Potable Water Rinse is Required.
- ❖ **DAIRIES:** To sanitize dairy equipment, first clean and rinse the equipment thoroughly. Then apply sanitizing solution containing 1 to 2 ounces of this product per 4 gallons of water (or equivalent use dilution)(200-400 ppm active quaternary). At this level, No Potable Water Rinse is required.
- ❖ **FOR SHELL EGG SANITIZING:** To sanitize clean shell eggs intended for food or food products, spray with a solution of 1 ounce of product in 4 gallons of water (providing 200 ppm active). The solution must be equal to or warmer than the eggs, but not to exceed 130° F. Wet eggs thoroughly and allow to drain. Eggs that have been sanitized with this quaternary ammonium compound shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be reused for sanitizing eggs. Note: only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.
- ❖ **FOR HAND SANITIZING:** The hands must be washed and thoroughly rinsed prior to sanitizing. Sanitizing by dripping hands into solution of 1/4 ounce per gallon of water. The hands need not be rinsed with potable water following the use of the compound.

ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides.....5.00%

n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides.....5.00%

INERT INGREDIENTS.....90.00%

TOTAL.....100.00%

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Apple Products Inc.

P. O. Box 16247 Atlanta, GA 30321

www.applechemicals.net

a13

Core Facts

10% Quat "no-rinse" sanitizer

Sanitizing hand dip

Egg shell sanitizer

Swimming pool and cooling tower
algaeicide

Typical Properties

Specific Gravity: 0.990

pH: 8.0

Quaternary Ammonium

Chlorides: 10% min.

Use Dilution: Sanitization: 1-2 oz./4 gal.

General Disinfection: 3 oz./5 g. Hospital

Disinfection: 3 1/2 oz./5 gal

Appearance: Clear, colorless liquid

Fragrance: Odorless

Dilution Ratios

Low: 1:512

High: 1:512



TM

a13/1006

Foam Degreaser

Penetrates and Lifts Dirt & Soil

This product is a self-foaming alkali cleaner and degreaser for cleaning floors, walls and processing equipment in general food processing areas. Formulated with a blend of alkali builders, chelating agents, detergents and solvents, it is effective for removing fatty and greasy soils from all hard surfaces. May be used with foam generating equipment, pressure washing, or manual cleaning.

Directions

- ✿ Open cabinet.
- ✿ Remove cap from bottle.
- ✿ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ✿ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ✿ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ✿ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ✿ **Foam Cleaning:** Apply a liberal amount of foam to all surfaces to be cleaned. Some brush agitation may be necessary to loosen dried soil or a heavy build up of soil from surfaces. Allow the foam to remain in contact with the soiled surface for 3 to 5 minutes before flushing cleaning foam off with a potable water rinse. Apply a final rinse of O14 Foam Degreaser and allow surface to air before the next use.
- ✿ **Hand Cleaning:** O14 Foam Degreaser is safe on most surfaces and is an excellent all-purpose cleaner for removing tough soil. Gloves should always be worn as a precaution when hand cleaning to prevent the risk of skin irritation.



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a14

Core Facts

Liquid alkali degreaser
High foaming
Non-Corrosive
Butyl/Phosphate Free
Excellent for regular clean-up of floors, walls, and equipment in meat rooms and food plants

Typical Properties

Specific Gravity: 1.11
pH: 10.0
Total Alkalinity: 4.3%
Solids: 24.5%
Foam: High, stable
Appearance: Clear blue
Fragrance: Pleasant

Dilution Ratios

Low: 1:32
High: 1:128



a14/1006



Pot/Pan Cleaner

Gentle to Hands

A concentrated lemon scented hand dishwash formulated to cut grease and dried on food from pots, pans and dishes. Rinses without spotting and is mild to hands.

Directions

- ✿ Open cabinet.
- ✿ Remove cap from bottle.
- ✿ Take adapter cap provided with the A4 system and attach to the top of the bottle by twisting the cap into place.
- ✿ Connect dispensing tube to either the low flow controller switch (on the right of the unit) or the high flow controller switch (on the left of the unit). If both high flow and low flow dilutions are required for the same product, use t-valve and the inline check valves provided with the system and connect dispensing tubes to both the high flow and the low flow switches.
- ✿ Set the product selector knob to the product to be dispensed. Press button to start flow of solution; release button to stop flow of solution.
- ✿ To remove empty bottle, twist the adapter cap in the opposite direction until it is free of the bottle. Remove the bottle from the cap, **leaving the adapter cap inside** for loading more bottles in the future. **Be careful not to lose the adapter cap.**
- ✿ Wash dishes thoroughly and rinse.



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a15

Core Facts

High sudsing
Cuts grease
Mild on hands

Typical Properties

Specific Gravity: 1.01
pH: 8.0
Viscosity: 500 cps
Solids: 24.5%
Appearance: Clear gold liquid
Fragrance: Lemon

Dilution Ratios

Low: 1:512
High: 1:512



TM

a15/1006

Floor Care
with a
PEEL

E100

RESILIENT FLOOR CARE

Prime Shine Floor Finish

PRIME SHINE is a 25% solids floor finish formulation based on the latest generation of modified acrylic polymers that provides the ultimate in initial gloss, gloss retention, and durability. It may be used in low maintenance mop/recoat programs as well as with high speed burnishing equipment.

Directions

1. Thoroughly strip floor with an aero floor finish stripper.
2. Rinse floor thoroughly with clean water.
3. Apply a sealer base (optional) to worn floors or high traffic floors to improve wear-resistance and enhance gloss.
4. Apply PRIME SHINE Floor Finish in uniform thin coats allowing time to dry thoroughly between coats. Allow for longer drying time in damp weather.

Maintenance

Dust mop, sweep or damp mop as necessary. If desired, burnish with electrical, battery or propane high-speed buffers using a synthetic or synthetic/ natural blend pad. Depending on traffic, burnish 1-3 times a week.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation.

Refer to S.D.S. for additional safety information.



CLASSIFIED BY
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AS TO SLIP RESISTANCE ONLY.
2M05

Core Facts

Modified Acrylic polymers

Outstanding gloss

Reduced sensitivity to ambient application conditions

Excellent burnish response with no powdering or dusting

High durability

Decreased labor cost through less frequent need to buff, burnish and recoat, and a reduction in the number of floor strippings

Typical Properties

Specific Gravity: 1.04

Solids: 25%

pH: 8.5

James Static Coefficient of Friction: 0.6

Leveling: Excellent

Film Formation: Excellent

Gloss: Excellent

Water resistance: Excellent

Detergent resistance: Excellent

Removability: Excellent

Black heel mark resistance: Excellent

Odor: Mild acrylic

Appearance: White emulsion

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TM

086892TECHPE-111815

E101

Defender Floor Finish

This metal-crosslinked, modified acrylic floor finish provides excellent lay down gloss and superior response to high speed burnishing. It can be maintained with either conventional low-speed programs or infrequent (2-3 times a week) high speed burnishing.

Directions

- 1) Thoroughly strip floor with a stripper.
- 2) Rinse floor thoroughly with clean water.
- 3) Apply a sealer base (optional) to worn floors or high traffic floors to improve wear-resistance and enhance gloss.
- 4) Apply 2-4 coats of floor finish in uniform thin coats allowing time to dry thoroughly between coats. Allow for longer drying time in damp weather.

Maintenance

Sweep as necessary. Damp mop or scrub lightly with a mild, neutral detergent. Spray buff or buff lightly with appropriate pad. Also excellent for high-speed buffing. In high traffic areas, recoat worn spots as necessary.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation.

Refer to S.D.S. for additional safety information.



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2M05

Core Facts

Outstanding durability and gloss retention with low maintenance programs

Modified hard acrylic polymers

Unsurpassed leveling

Outstanding gloss

Excellent burnish response with no powdering or dusting

Decreased labor cost through less frequent need to buff, burnish and recoat, and a reduction in the number of floor strippings

Typical Properties

Specific Gravity: 1.04

Solids: 22%

pH: 8.5

James Static Coefficient of Friction: 0.6

Leveling: Excellent

Film Formation: Excellent

Gloss: Excellent

Water resistance: Excellent

Detergent resistance: Excellent

Removability: Excellent

Black heel mark resistance: Excellent

Odor: Mild acrylic

Appearance: White emulsion



TM

086897TECHPE-111815

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Floor Care
with a
PEEL

E102

FINISH STRIPPERS

Fastbreak No Rinse Floor Finish Remover

This no rinse floor finish remover is formulated to be used without scrubbing machines. Labor saver due to fast penetration and rapid emulsification of old finishes.

Directions

For light or medium build-up of wax, dilute 1 part product to 17 parts water; for heavy build-up, dilute 1 part product to 4 parts water. Apply the diluted solution directly to the floor and allow to remain 5-10 minutes. Remove solution with mop, wet vacuum or automatic scrubber. Let the floor dry, and check for any powdery residue. Rinse if any powdery residue remains on floor.

Safety Cautions

Keep out of reach of children. Read label and SDS before use. Causes severe skin burns and eye damage. May cause respiratory irritation. Harmful if swallowed. Combustible liquid.

Refer to S.D.S. for additional safety information.



Core Facts

Fast penetration
Rapid emulsification
Non-ammoniated
No-Rinse

Typical Properties

Specific Gravity: 0.97
pH: 11.7%
Alkalinity as Na2O: 6.0%
Odor: Butyl
Appearance: Clear liquid

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TM

086896TECHPE.120915

E103

PEEL
Away Old
and Bring Back
NEW

Shine Saver Spray Buff

This product is a clear, pleasantly scented liquid for use where spray buffing is required for routine maintenance. Because this material is clear, it will not yellow or stain any floor. Spray misting reduces the necessity of frequent mopping, stripping and refinishing. After spray misting, floors are left with a bright, wet look gloss and the area, with a fresh, clean scent.

Directions

This product is designed to be used as is or it can be diluted with an equal part of water. Fill spray container with material and adjust nozzle to finest setting.

Position a polishing or spray-buff pad beneath machine brush or holder. For best results work an area about 4' x 4' at a time. Continue to work one small area at a time until entire floor has been covered. If pad becomes too soiled, as evidenced by grabbing tendency, turn pad over and continue. Sweep any residue remaining on floors after spray buffing.

Spray or mop on Spray Buff.

- Use with any speed buffer
- Pleasantly scented
- For use on all floor finishes
- Removes heel marks
- Leaves wet look

SPRAY METHOD: Mist a small amount over an area 4 feet square. Buff with any speed buffer until desired shine is achieved.

MOP METHOD: Dilute with equal part water. Damp mop and let dry. Then buff the floor with any speed buffer. Either of these methods will produce dazzling results.

*FLOORS SHOULD BE DONE IN SMALL INCREMENTS, SO OPERATOR CAN WORK WHILE STANDING IN A DRY AREA.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product.

Refer to S.D.S. for additional safety information.

Core Facts

Dilutable

Spray or mop on

Use with any speed buffer

Compatible with all finishes

Removes heel marks

Revives "wetlook"

Typical Properties

Specific Gravity: 1.0

pH: 8.5

Odor: Baby Powder

Appearance: Pink

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TM

086827TECHPE-120315

E104

PEEL
Away Old
and Bring Back
NEW

Reclaim One-Step Cleaner/Restorer for finished floors

RECLAIM is a one-step cleaner/restorer for high speed floor maintenance programs. May be used in mop on-burnish or automatic scrubber applications. Repairs scuffs, scratches, cleans, restores gloss and saves labor time.

Directions

ONE-STEP CLEANING/RESTORING USING AUTOMATIC SCRUBBERS:

Dilute 2-4 oz. RECLAIM per gallon of water. Use soft poly brush or the least aggressive burnishing pad, such as white or champagne.

MOP ON/BURNISH RESTORING: Dilute one (1) part RECLAIM to three (3) parts water. Mop one thin coat of diluted product directly onto clean floor. Allow to dry completely and burnish with ultra high speed buffer.

Safety Cautions

Keep out of reach of children. Read label and sds before use. May cause damage to kidneys through prolonged or repeated exposure if swallowed. Suspected of damaging the unborn child.

Refer to S.D.S. for additional safety information.



Core Facts

Cleans and restores gloss in one step

Contains a combination of cleaning agents and polymers

Saves labor costs

Typical Properties

Specific Gravity: 1.01

pH: 8.0

Polymer solids: 10.5

Fragrance: Fresh

Appearance: Light blue emulsion

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086887TECHPE-120315 TM

PEEL Away Stains

E105

CARPET CARE

Rugged Carpet & Rug Cleaner

A concentrated steam extraction and bonnet cleaner that works effectively on all types of carpets, including the latest generation of stain resistant carpets. Formulated with synthetic wetting agents, grease emulsifiers, water softeners and optical brighteners. Leaves a nice fresh scent.

Directions

Steam Extraction: Dilute 1 ounce to each gallon of water in the solution tank. Add anti-foam if necessary. For heavily soiled areas, use 2 oz/gal; for carpet pre-spotting, use 3-5 oz/gal.

Bonnet Cleaning: Although this product has been formulated specifically for steam extraction, it is also a good bonnet cleaner when used in accordance with the directions below. Dilute as above, and spray approximately 100 sq. ft. at a time, holding sprayer 12" to 16" above carpet. Avoid soaking carpet. Dampen bonnet pad with water, do not soak. Spray bonnet with cleaning solution and place bonnet under machine on carpet, sprayed-side down. Buff carpet over sprayed area, turning the pad over or changing it when heavily soiled. Allow carpet to dry for 30 minutes to an hour then vacuum thoroughly.

NOTE- If furniture must be replaced before carpet is dried, place cardboard strips under furniture legs.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Causes serious eye irritation. Causes skin irritation.

Refer to S.D.S. for additional safety information.



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Core Facts

Excellent anti-resoiling properties

Safe on stain-resistant (fifth generation) carpets

Excellent extraction and bonnet cleaner

Leaves a clean fresh scent

Typical Properties

Specific Gravity: 1.045

pH: 8.0

Phosphates (P2O5): <1%

Solids: 15.0%

Solvents: 4.0%

Appearance: Clear light blue liquid

Fragrance: Fresh



TM

086844TECHPE-120915

PEEL
Away
Stains

E106

CARPET CARE

Rebound Carpet Stain Remover

Rebound is a ready to use stain and spot remover for use on carpets and rugs. Excellent for removal of mud, grease, tar, dirt and food stains. Brightens and deodorizes as it cleans.

Directions

Do not apply directly to carpet. Put on a clean sponge and apply to the stain by blotting it from outside toward the middle. Apply sparingly and rinse thoroughly. As with all stain and spot removers, it is recommended that the product be used in an obscure area to assure color fastness of the material being cleaned. This is merely a safety precaution as this product should be safe for use on most carpets and rugs.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product.

Refer to S.D.S. for additional safety information.

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Core Facts

Removes oil-based and water-borne stains

Excellent anti-resoiling properties

Safe on stain-resistant (fifth generation) carpets

Typical Properties

Specific Gravity: 1.02

pH: 8.2

Phosphates (P2O5): None

Solids: 2.1%

Appearance: Clear colorless liquid

Odor: Pleasant



TM

086843TECHPE-121615

**CHOMP
DOWN
ON
Grime**

E107

GLASS CLEANERS

RTU SureShine MP Glass Cleaner

A ready to use glass cleaner for use on all types of glass without streaking.
Also safe to use on tile, chrome, vinyl, plastic, or stainless steel.

Directions

Spray on surface and wipe dry with clean cloth.
FOR FOOD PLANT USE: All food contact surfaces are to be rinsed with
potable water before re-use.

Safety Cautions

It is recommended that protective gloves and safety glasses be worn when
using this product. Refer to M.S.D.S. for additional safety information.

Core Facts

No alcohol
No solvents
Zero VOCs
Biodegradable

Typical Properties

Specific Gravity: 0.995
pH: 10.2
Phosphates: None
Appearance: Clear blue liquid
Odor: Pleasant

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TM

E107/1005

**CHOMP
DOWN**
on
Grime

E108

GLASS CLEANERS

SureShine MP Glass Cleaner

SURE SHINE'S exclusive fast foaming action penetrates and removes greasy stains, finger-prints, smudges, bugs and other foreign matter. Will not streak or leave residue. Excellent for use on:

- Window • Mirrors • T. V. screens
- Plexiglass • Appliances
- Light fixtures • Windshields

Directions

Shake well. Remove cap and hold 8-12" from surface to be cleaned. Press button firmly and apply in sweeping motion. Wipe clean and polish with a dry cloth.

Safety Cautions

Keep out of reach of children. Read label and SDS before Use.
Contains gas under pressure; may explode if heated.

Refer to S.D.S. For additional safety information.



Core Facts

Non-ammoniated
Fast-drying
Non-streaking
Unique floral fragrance

Typical Properties

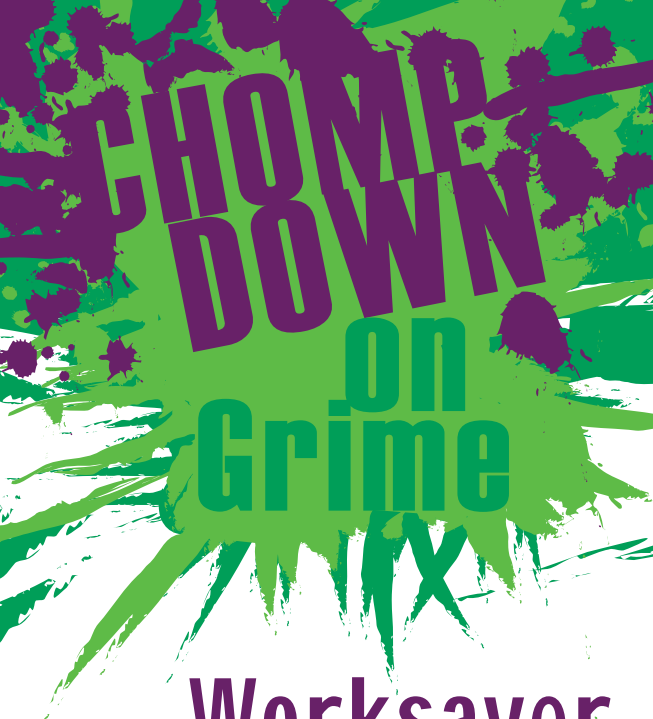
Specific Gravity: 0.986
pH: 10.0
Fragrance: Pleasant floral
Propellant: Hydrocarbon
Spray Characteristics: White Foam
Net Weight: 19 ounces



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TM
084225TECHPE-111715



E109

Worksaver Neutral Cleaner

This neutral all purpose cleaner is a concentrated, synthetic detergent for use on any water-safe, hard-surface. When used as directed, this mild cleaner will emulsify and suspend dirt and grime from top to bottom.

Worksaver is a highly versatile product that is guaranteed never to dull or haze. Enhances the appearance of appliances, desks, ceilings, floors, painted surfaces, plastic, stainless steel, walls, and other hard surfaces.

Directions

For general cleaning dilute 2-3 ounces per gallon of water. More stubborn soils may require a more concentrated dilution. On floors, apply with a mop or an automatic scrubber.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Refer to M.S.D.S. for additional safety information.

Core Facts

Multi-purpose. Can be used for spraying, mopping, and with automatic scrubbers.

Removes dirt and grime from many surfaces.

Controlled foam.

Phosphate free.

Concentrated

Deodorizes with a pleasant lemon scent

Typical Properties

Specific Gravity: 1.01

pH: 7.5

Appearance: Clear yellow liquid

Fragrance: Lemon

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TM

E109/1005

ALL PURPOSE NEUTRAL CLEANERS



E110

Deep Scrub All Purpose Cleaner

This product is an exceptionally versatile cleaner specially formulated to be used in Institutional, Commercial and Industrial operations. Cleans virtually any surface requiring a hard working, fast acting, all purpose cleaner that provides superior cleaning. It is biodegradable and contains no phosphates or damaging solvents. Formulated with chelating agents for effective no-film cleaning in soft or hard water.

Directions

ALL FLOOR SURFACES: Dilute 1-2 ounces per gallon of water. Scrub, or mop floor with solution. Remove dirt with squeegee or damp mop. Rinse if desired.

WALLS, WOODWORK, TILE, PORCELAIN, ENAMEL, AND METAL SURFACES: Mix one part cleaner with 40 parts of water. Wipe surfaces with solution and rinse with clear water.

Safety Cautions

Keep out of reach of children. Read label and SDS before use. Causes serious eye irritation. Causes skin irritation.

Refer to S.D.S. and product label for additional safety information.



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Core Facts

Phosphate Free

Concentrated

Ideal for regular maintenance
of finished floors

Typical Properties

Specific Gravity: 1.02

pH: 8.5

Total Solids: 11.8%

Phosphates (as P2O5): None

Appearance: Clear blue liquid

Fragrance: Pleasant



TM
086848TECHPE-111815

ALL PURPOSE NEUTRAL CLEANERS

Degreasers
that cut to the
CORE

E11

Citral

All-Purpose Cleaner Citrus Degreaser

Citral is an excellent economical all-purpose cleaner and degreaser formulated with a synergistic blend of non-ionic and anionic surfactants, chelating agents, and citrus solvents. Safe to use on most water washable surfaces in schools, motels, hospitals, grocery stores, body shops, etc.

Directions

Dilute 8 oz per gallon of water for heavy duty degreasing, 4 oz per gallon for regular medium-duty cleaning, or up to 1 oz per gallon for routine maintenance cleaning. Apply with a mop, sponge, or a trigger sprayer. Wipe off or rinse with water (water rinse is required if used in federally inspected meat and poultry processing plants).

Safety Cautions

Keep out of reach of children. Read label and sds before use. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May be corrosive to metals. Combustible liquid.

Refer to S.D.S. for additional safety information.



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Core Facts

Non-butyl

Contains d'Limonene

Excellent all-purpose
degreaser

Typical Properties

Specific Gravity: 1.02

pH: 12.0

Detergent Solids: 12.7%

Total Alkalinity (as Na2O): 2.0%

Appearance: Clear orange liquid

Odor: Orange



TM

086849TECHPE.121615

DEGREASER CLEANERS

Degreasers
that cut to the

CORE

E112

DEGREASER CLEANERS

Powerhouse Heavy Duty Cleaner/Degreaser SUPER CONCENTRATE

POWERHOUSE is a multi-purpose butyl cleaner with excellent penetrating, degreasing and rinsing properties. Highly concentrated for economy and versatility. Effective in removing heavy deposits of grease, oil, ink, wax and other soils. Biodegradable and phosphate free. Designed to work even in hard water.

Directions

For light duty cleaning: dilute 1 part concentrate to 20 parts hot water.

For medium duty cleaning: dilute 1 part concentrate per 10 parts hot water.

For heavy duty cleaning: dilute as needed.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Causes severe skin burns and eye damage.

Refer to S.D.S. for additional safety information.



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Core Facts

Concentrated butyl
degreaser

Excellent for many
industrial and institutional
applications

Typical Properties

Specific Gravity: 1.05

pH: 13.0

Total Alkalinity (as Na₂O):
2.39%

Solvents: 5.0%

Solids: 7.1%

Appearance: Clear purple
liquid

Odor: Butyl



TM

086834TECHPE-111715

Degreasers
that cut to the

CORE

E113

DEGREASER CLEANERS

Power Saw Butyl Cleaner Degreaser

POWER SAW is a fast acting, aggressive, ready-to-use cleaner degreaser. Formulated to penetrate and breakup oil, grease and other tough soils. Butyl based, alkaline, and pleasantly fragranced.

Directions

Spray, mop, or wipe on a surface to be cleaned. For heavy soil, allow the product to remain on the surface for several minutes. Rinse thoroughly with water.

Safety Cautions

Keep out of reach of children. Read label and SDS before use. Causes severe skin burns and eye damage. May be corrosive to metals.



Refer to S.D.S. for additional safety information.

Distributed by:
Apple Products Inc.
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www.applechemicals.net

Core Facts

Aggressive RTU degreaser

Butyl-based

Excellent for heavy-duty
industrial applications

Typical Properties

Specific Gravity: 1.03

pH: 12.5

Total Alkalinity (as Na₂O):
1.4%

Appearance: Clear green
liquid

Fragrance: Mint



TM

086889TECHPE-111715

Degreasers
that cut to the

CORE

E114

DEGREASER CLEANERS

Thunder Bolt Non-butyl Degreaser

This biodegradable formulation is based on a synergistic blend of biodegradable surfactants allowing for superior penetration and removal of oily/greasy soils. Containing no solvents, butyl, glycol ethers, with zero VOC's and low odor, **Thunderbolt** is a superior degreaser for many heavy-duty industrial applications. May be used in automatic scrubbers, pressure washers, and aqueous parts washers.

Directions

For routine maintenance dilute 1:100
For light cleaning dilute up to 1:50
For general cleaning 1:25
For Heavily Soiled surfaces 1:10

For exceptionally stubborn soils, repeat cleaning procedure at a more concentrated dilution. Rinse thoroughly after use.

NOTE- Do not use undiluted on composition floors, water based painted surfaces, or aluminum. After use of this product, surfaces should be rinsed freely with water. Do not use on glass. Avoid contact with eyes and mucous membranes. May cause eye irritation.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Causes serious eye irritation. Causes skin irritation.

Refer to S.D.S. for additional safety information.



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Apple Products Inc.
P. O. Box 16247 Atlanta, GA 30321
www.applechemicals.net

Core Facts

Safer Choice product
Non-butyl
No Solvents
Zero VOC
Super concentrated
Very low odor

Typical Properties

Specific Gravity: 1.04
pH: 11.5
Rinsing Ability: Excellent
Appearance: Clear green liquid
Odor: Fresh



epa.gov/dfe/saferchoice



TM

086833TECHPE-111715

Take a
BITE
Out of
Germs

E115

DISINFECTANT
CLEANERS

Total Lemon Germicidal Detergent & Deodorant

A concentrated, multi-purpose germicidal detergent and deodorant that disinfects, cleans, and deodorizes in one labor saving step. When used as directed, **Total Lemon** 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, Total Lemon is designed to provide both general cleaning and disinfecting. Total Lemon deodorizes areas which are generally difficult to keep fresh smelling.

BACTERICIDAL ACTIVITY- At the 2 ounce per gallon dilution, this product demonstrates effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD-10, *Salmonella enterica* subsp. *enterica* serotype *choleraesuis*, *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 enterica* subsp. *enterica* serotype *paratyphi* B, *Salmonella enterica* subsp. *enterica* serotype *typhi*, *Salmonella enterica* subsp. *enterica* serotype *typhimurium*, *Salmonella enterica* subsp. *enterica* serotype *pullorum*, *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). Community Associated Methicillin resistant *Staphylococcus aureus* (CA-MRSA) NRS 123 Genotype USA400, Community Associated Methicillin resistant *Staphylococcus aureus* (CA-MRSA) NRS 384 Genotype USA300.

MILDEWSTAT- To control mold and mildew (*Aspergillus niger*) and the odors they cause on pre-cleaned, hard, non-porous inanimate surfaces add 2 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.

FUNGICIDAL ACTIVITY- At the 2 ounce per gallon dilution, this product is fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (Athlete's foot fungus) (a cause of ringworm) 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 (ATCC VR-740, Strain 229 E), SARS Associated Coronavirus, Rabies Virus, Bovine Viral Diarrhea Virus (BVDV), Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus, Canine Distemper Virus, Avian Influenza A Virus, and Porcine Respiratory & Reproductive Syndrome Virus (PRRSV). Add 2 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.

Directions

Remove gross filth and heavy soil deposits then thoroughly wet surfaces. Use 2 ounces or 1/4 cup per gallon of water for a minimum contact time of 10 minutes in a single application.

Safety Cautions

Keep out of reach of children. Refer to M.S.D.S. for additional safety information.

Core Facts

Cleaner, detergent, deodorizer, and disinfectant

Fungicide against pathogenic fungi

Virucide

Kills Pandemic 2009 H1N1

Influenza A virus

Mildewstat on hard, nonporous, inanimate surfaces

Typical Properties

Specific Gravity: 1.005

pH: 7.0

Active quaternary ammonium chlorides: 3.85% min

Appearance: Clear yellow liquid

Fragrance: Lemon

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TM

E115/1005

Take a
BITE
Out of
Germs

E116

Total Fresh Germicidal Detergent & Deodorant

- Pseudomonacidal • Staphylocidal • Salmonellacida
- Fungicidal • Virucidal

Recommended for use in hospitals, nursing homes, schools and colleges, veterinary clinics and animal life science laboratories, equine farms, tack shops, pet shops, airports, kennels, hotels & motels, poultry & turkey farms, dairy farms & hog farms, breeding & grooming establishments.

Concentrated, multi-purpose germicidal detergent and deodorant effective in up to 400 ppm hard water plus 5% organic serum. Disinfects, cleans, and deodorizes in one labor saving step. Effective against a broad range of microorganisms, such as *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, *Listeria monocytogenes*, *Staphylococcus aureus* (methicillin resistant) (MRSA), Vancomycin resistant *Enterococcus faecalis* (ATCC 51575), and Vancomycin intermediate Resistant *Staphylococcus aureus* (VISA), *Herpes simplex type 1, *Herpes simplex type 2, *HIV-1 or HIV-2 (associated with AIDS), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), *Influenza A/Hong Kong, *Trichophyton mentagrophytes* in the presence of 400 ppm hard water and 5% organic serum.

Directions

GENERAL USE DIRECTIONS FOR DISINFECTING

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits then thoroughly wet surfaces. Use 2 ounces or 1/4 cup per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

Safety Cautions

Keep out of reach of children.

Refer to S.D.S. and product label for additional safety information and directions for use.

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Core Facts

2 oz per gallon dilution

Fresh Fragrance

Effective against HIV-1, HIV-2, MRSA, VRE, VISA, Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV)

Neutral pH

Hospital-grade

Typical Properties

Specific Gravity: 1.005

pH: 7.0

Active quaternary ammonium chlorides: 3.85% min

Appearance: Clear blue liquid

Fragrance: Fresh



TM

086847TECHPE.111815

Take a
BITE
Out of
Germ

E117

Total RTU

- **CLEANER ■ DEDORIZER**
- **MILDEWSTAT (on hard inanimate surfaces)**
- **DISINFECTANT ■ TUBERCULOCIDAL ■ *VIRUCIDE**
- **FUNGICIDE (against pathogenic fungi)**
- **Kills Pandemic 2009 H1N1 Influenza A virus (formerly called Swine Flu)**
- **MEETS OSHA BLOODBORNE PATHOGEN STANDARD FOR HIV, HBV & HCV**

**KILLS H1N1
VIRUS (SWINE
FLU), HEPATITIS B,
HEPATITIS C, HIV-1
and MRSA!**

Total RTU is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, schools, hotels and restaurants. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs and cabinets. May be used in the kitchen on counters, sinks, appliances, and stove tops. A rinse with potable water is required for surfaces in direct contact with food. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

When used as directed, this product kills Norwalk and Rabies viruses in **30 seconds**; HIV-1 in **1 minute**; Human Coronavirus and H1N1 (Swine Flu) in **2 minutes**; *Pseudomonas aeruginosa*, *Listeria monocytogenes*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin resistant *Enterococcus faecalis* (VRE), Vancomycin intermediate resistant *Staphylococcus aureus* (VISA) in **3 minutes**; Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and TB in **5 minutes**; Canine Parvovirus, and Hepatitis A Virus (HAV) in **10 minutes**.

Directions

DISINFECTION, DEODORIZING AND CLEANING - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and remain wet for the indicated contact times. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

One-step cleaning and disinfection of toilet bowls and urinals: Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of this product evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 10 minutes and flush.

Safety Cautions

Keep out of reach of children.

Refer to S.D.S. and product label for additional safety information and directions for use.

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Core Facts

RTU quat-based formula

Fast Kill Times!

Effective against TB, HIV-1, Hepatitis A (HAV), Hepatitis B (HBV), Hepatitis C (HCV), Parvo, MRSA, H1N1 (Swine Flu)

Meets OSHA's Bloodborne Pathogens Standard

Excellent cleaner

Typical Properties

Specific Gravity: 1.02

pH: 12.4

Solvents: 8.0%

Active Ingredients (quaternary ammonium chlorides): 0.21%

Appearance: Clear, Blue liquid

Fragrance: Fresh



TM

086885TECHPE.111815

DISINFECTANT CLEANERS

No
Bad
APPLES

E119

RESTROOM CARE

Synergy Ready to Use Germicide Cleaner

Synergy is a ready-to-use germicide, cleaner, disinfectant, and deodorant as well as an excellent restroom and bowl cleaner. Use anywhere dirt, grease, and odor are problems; great for cleaning and deodorizing basins, tubs, and tiles. Leaves everything bright and clean while also killing odor-causing germs. Kills *Streptococcus pyogenes*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Trichophyton mentagrophytes* (Athlete's Foot Fungus). Virucidal against Influenza Type A/Michigan, Herpes Simplex Type 2, and *HIV-1 (AIDS virus). Kills Pandemic 2009 H1N1 Influenza A virus.

Directions

For disinfecting, remove gross food particles and heavy soil deposits, then apply this product to walls, floors, garbage cans, and other hard (inanimate), nonporous surfaces, such as tables, chairs, countertops, sinks, bathroom fixtures, bedframes and showers with mechanical spray device so as to thoroughly wet surfaces for a contact time of 10 minutes. Let air dry or wipe dry.

To Clean & Disinfect Toilet Bowls - Remove or expel over the inner trap residual bowl water prior to applying solution. Use 4 ounces of concentrate in toilet bowl. Squeeze around bowl and under water rim. Then scrub thoroughly with brush making sure to get under the rim and let stand for at least 10 minutes, then flush. This product, when used as directed, will not harm white or colored bowls or inanimate, hard surfaces. Close cap on container after use.

Safety Cautions

Keep out of reach of children. Hazards to Humans and Domestic Animals. Avoid contamination of food, water or animal feed. Refer to M.S.D.S. and product label for additional safety information and directions for use.

Core Facts

Ready-to use non-acid disinfectant cleaner

Pleasant smelling

Excellent on all restroom surfaces

Effective against Pandemic 2009 H1N1 Influenza A Virus, HIV-1, Herpes Simplex Type 2, etc.

Typical Properties

Specific Gravity: 1.000

pH: 11.0

Active Ingredients
(quaternary ammonium chlorides):
0.18% min

Appearance: Clear Blue Liquid

Fragrance: Fresh

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TM

E119/1005

No Bad APPLES

E121

RESTROOM CARE

Remove-It

- Cleans Deodorizes Disinfects
- Tile and Grout Cleaner

Remove-It is a one-step foamy cleaner-disinfectant containing a blend of phosphoric and hydroxyacetic acids for efficient removal of lime, soap scum, hard water deposits, uric acid salts, and various discolorations from toilet bowls, urinals, shower stalls, ceramic tiles and sinks. Effective against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Salmonella choleraesuis* in the presence of 5% organic serum when tested according to AOAC Germicidal Spray Products Disinfectant Method. Recommended for use in hospitals, nursing homes, schools, hotels, and other commercial and institutional establishments.

Directions

FOR CLEANING AND DISINFECTING TUBS, SINKS, SHOWER STALLS AND OTHER HARD NON-POROUS SURFACES:

1. Remove gross filth and heavy soil deposits.
2. Direct a coarse spray onto surface for 10 seconds from a distance of about 12 inches.
3. Allow foam to wet surface for 10 minutes.
4. Rinse surfaces thoroughly with water.

FOR GENERAL CLEANING AND DEODORIZING of hard non-porous surfaces: Dilute up to 1:10 with water and apply with a mop, sponge, cloth, or a trigger sprayer. Rinse thoroughly with water.

Safety Cautions

Keep out of reach of children. Corrosive: Causes eye and skin damage (or skin irritation). Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not breathe vapor or fumes.

Refer to S.D.S. and product label for additional safety information and directions for use.

Core Facts

Mild "dual acid" restroom cleaner

Generates clinging foam through a regular trigger sprayer

Thickened

EPA Registered

Typical Properties

Specific Gravity: 1.08

pH: < 1

Acidity: 16.4%

Appearance: Purple

Fragrance: Mint

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TM

086822TECHPE-111815

No
Bad
APPLES

E122

RESTROOM CARE

Brite White Mildew Stain Remover

BRITE WHITE mildew stain remover is ready to use, no mixing or measuring. Formulated with chlorine stable detergents to remove mildew stains in 3 to 5 minutes. Guaranteed to work on bathroom tile, shower curtains, grout around tubs, bath mats, vinyl auto tops, vinyl boat seats, awnings, patio furniture, ceiling and walls (before painting), and under eaves of houses.

Directions

Spray on, leave for approximately 5 minutes, and rinse off. No rubbing or scrubbing is necessary except for very stubborn areas. May be used in close places such as bathrooms, shower stalls and closets. Just spray on and mildew stain will be gone when area dries. Do Not mix with other cleaners or chemicals as this may result in the release of hazardous gases. This product is toxic to fish. Do Not contaminate water by cleaning of aquarium or equipment. Do Not reuse container. Destroy when empty. Do Not use on wool or cotton or spray on carpets, drapes or curtains.

Safety Cautions

Keep out of reach of children. Read label and SDS before use. Causes severe skin burns and eye damage. May be Corrosive to metals.

Refer to S.D.S. and product label for additional safety information.



Distributed by:
Apple Products Inc.
P. O. Box 16247 Atlanta, GA 30321
www.applechemicals.net

Core Facts

Removes mildew stains fast without scrubbing

Good cleaner for all restroom surfaces

Typical Properties

Specific Gravity: 1.072

pH: 12.3

Active Chlorine: 2.0% min.

Detergents: 5.0%

Appearance: Clear, colorless liquid

Odor: Chlorine



TM

086829TECHPE-111815

**Bites
Clean
to the
Core**

E123

ENZYMATIC

Clarify Enzymatic waste digester

This product digests and liquefies organic waste, grease and food-by-products and is non-toxic, non-acid, non-alkaline, and non-pathogenic. CLARIFY will eliminate odors created by organic waste in urinals, toilet bowls, carpets and drains. Used periodically, this product will serve to keep drains free of stoppage caused by organic waste.

NOTE: Do not subject product to extremely hot or boiling water, disinfectants, or chlorinated dishwashing products.

USDA- Potable water rinse is required in federally inspected meat and poultry plants.

Directions

- 1) Odor Control- Spray directly on source of odor.
- 2) Restroom Maintenance- Pour directly into drains, toilet bowls and urinals. Mop or spray on floors and other restroom surfaces.
- 3) Drain Maintenance- 5 ounces of product per 2 inch diameter of drain line. For best results, treat two times per week.
- 4) Grease Trap Treatment- Pour in a sink or pipeline closest to grease trap. For grease traps less than 20 cubic feet capacity, use 4 to 6 ounces. If larger than 20 cubic feet capacity, use 8 to 10 ounces.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Flammable liquid and vapor.

Refer to S.D.S. for additional safety information.



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Core Facts

High bacteria count

Blend of 4 bacterial strains

Excellent for drains and grease traps

Typical Properties

pH: 8.4

Specific Gravity: 1.00

Appearance: White milky liquid

Fragrance: Pleasant

Enzyme Activity: Alpha Amylase (starch degrading), Lipase (fat degrading), Protease (basic and neutral protein degrading), Cellulase (paper degrading)

Bacteria Type (100% Spores):
Bacillus Laevolacticus, Bacillus Amyloliquefaciens, Bacillus Licheniformis, Bacillus Pasteurii

Bacteria Count: 100 billion/gallon



TM

086837TECHPE.120915

E124

HAND
PICKED
Skin
Care

Pro-Care Antiseptic Hand Soap

ACTIVE INGREDIENT: Chloroxylonol (0.3%)

Pro-Care is an effective antibacterial hand soap for use in food processing plants and restaurants by personnel prior to handling food and/or food processing equipment.

This formulation effectively reduces the bacterial flora of the skin. When tested via the Time Kill Test, it demonstrates 99% or greater kill against Staphylococcus aureus, E. Coli, and Pseudomonas aeruginosa. Formulated with skin conditioners for extra mildness.

Directions

Use this product to wash hands as you would use any soap. Avoid contact with eyes. If this happens, rinse thoroughly with water.

Safety Cautions

Keep out of reach of children. This product is an eye irritant. Refer to S.D.S. for additional safety information.

Core Facts

Antibacterial

0.3% PCMX

Formulated with skin conditioners for extra mildness

Typical Properties

pH: 8.5

Solids: 10.9%

Viscosity: 1200 cps

Appearance: Yellow

Fragrance: Pleasant

FDA Registered

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TM

086890TECHPE-111915

E125

HAND
PICKED
Skin
Care

Pro-Cleanse Almond Scented Hand Soap

Pro Cleanse is a thick, economical, high-foaming formula ideal for use in public places such as airports, offices, schools, etc. Leaves hands soft, clean, and smelling fresh.

Directions

Use a small quantity of hand soap rubbing briskly, working into palms of hands and between fingers. Rinse thoroughly with clean water.

Safety Cautions

Keep out of reach of children. Make sure there is adequate ventilation. Refer to M.S.D.S. for additional safety information.

Core Facts

Thick formula

Economical

Fresh smell

Typical Properties

Specific Gravity: 1.05

pH: 9.0

Viscosity: 1,200 cps

Appearance: Opacified Pink Liquid

Fragrance: Almond

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TM

E125/1005



E126

Hanitizer Instant Hand Sanitizer

Alcohol gel formulated with Aloe Vera and Vitamin E to prevent dryness associated with repeated applications.

Directions

To decrease bacteria on skin, apply a small amount to palm. Briskly rub covering hands with product until dry.

DANGER: Flammable

Keep away from fire or flame. For external use only. Do not use in the eyes. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician. If swallowed, contact a physician or poison control center.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation. Refer to M.S.D.S. for additional safety information.

Efficacy Data: Baseline Exposure

Hand Sanitizer 62% Ethanol Time Kill Study

Organism	Time	RF (% Reduction)
E. coli	15 sec	99.9999%
S. enterica	15 sec	99.9999%
MRSA	15 sec	99.9999%

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Core Facts

FDA registered
Kills bacteria
Drys fast

Typical Properties

pH: 7.5
Active Ingredient: 62% Ethanol
Viscosity: 20,000 cps
Appearance: Clear Gel
Fragrance: Alcohol



TM

E126/1005

An **APPLE**
a Day
Keeps the
Grease
Away

E127

FOOD SERVICE

Offsides

Concentrated Gel Oven & Grill Cleaner

OFFSIDES is a ready to use oven cleaner which removes grease from: ovens, grease filters, range canopies, and cooking utensils.

Directions

Spray on surface and wipe off after allowing to penetrate the soil for a few seconds.

For carbonized grease allow to remain on surface for several minutes, before removing with a scraper. Spray again to remove residue. Do not spray or wipe on electrical outlets.

The use of all cleaning compounds in Federally Inspected Meat & Poultry establishments must be followed by a potable water rinse on all surfaces.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Causes severe skin burns and eye damage.
May be corrosive to metals.

Refer to S.D.S. for additional safety information.



Core Facts

Aggressive
Easy to apply
Economical

Typical Properties

Specific Gravity: 1.09
Alkalinity (as Na2O): 6.2%
Solvents: 1.5%
Solids: 11.0%
Appearance: Clear Colorless
Liquid
Odor: Slight solvent

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www.applechemicals.net



TM
086828TECHPE-112015

An **APPLE**
a Day
Keeps the
Grease
Away

E129

FOOD SERVICE

Horizon Dishwashing Concentrate

Horizon is formulated with biodegradable surfactants that are synergistically combined for best grease cutting, foaming, and mildness to skin. Horizon rinses completely clean, leaving streak-free dishes and cuts through even the toughest grease. Dishes and glassware sparkle!

Directions

Use ½ to 1 ounce per gallon of water. Wash dishes and glasses thoroughly, then rinse in hot water. Allow dishes to air dry to beautiful shine. Hand drying is not necessary.

Safety Cautions

Keep out of reach of children. Refer to M.S.D.S. for additional safety information.

Core Facts

Premium Formula
Suds last longer
Mild on hands
High Sudsing
Tough on Grease

Typical Properties

Specific Gravity: 1.02
pH: 8.8
Viscosity: 300 cps
Solids: 21%
Appearance: Clear blue liquid
Fragrance: Fresh

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www.applechemicals.net



TM

E129/1005

Take a
BITE
Out of
Germs

E132

DISINFECTANT CLEANERS

Revive Surface Disinfectant and Deodorizer

KILLS HIV-1 (AIDS VIRUS) AND HERPES SIMPLEX TYPE II VIRUSES ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS.

BACTERICIDAL PSEUDOMONICIDAL

STAPHYLOCIDAL TUBERCULOCIDAL

FUNGICIDAL VIRUCIDAL*

A BROAD-SPECTRUM ANTIMICROBIAL AGENT FOR ENVIRONMENTAL SURFACES.

CONTROLS MOLD/MILDEW

ELIMINATES ODORS BY ATTACKING THEM AT THEIR SOURCE.

CLAIMS AND USES: **VIRUCIDAL* - Inactivates these agents: Human Immunodeficiency Virus Type I [HIV-1: A retrovirus that causes "AIDS" (Acquired Immune Deficiency Syndrome)]; Herpes Simplex Type II on hard, non-porous, inanimate surfaces. Kills most dangerous Staph, Herpes II, and TB germs on environmental surfaces. Disinfects and controls mold and mildew on hard, nonporous surfaces such as bathroom fixtures, empty garbage cans and diaper pails, furniture in sick rooms and nurseries, fishing equipment and sports equipment such as skate shoes and bowling shoes. Aids in the control of athletes foot fungi (Trichophyton mentagrophytes) on environmental surfaces. Controls Staphylococcus aureus and Salmonella choleraesuis. Spray in the shower stalls, shoes, and walking areas. Effectively sanitizes against odor causing organisms on athletic mats, athletic shoes, and similar porous surfaces on other athletic equipment.

USED IN: HOSPITALS AND OTHER MEDICAL, INDUSTRIAL, INSTITUTIONAL, COMMERCIAL AND RESIDENTIAL FACILITIES.

Directions

• **FOR TUBERCULOCIDAL USE:** Remove heavy soil and thoroughly clean surfaces prior to application of this product. Spray from 6-8" until thoroughly wet. Allow surface to remain undisturbed for at least 10 minutes at 20° C before wiping.

• **FOR DISINFECTING, mildew control, and deodorizing of clean surfaces:** spray from 6-8" until thoroughly wet. For disinfection, allow surface to remain undisturbed for at least 10 minutes before wiping. Repeat treatment weekly to maintain effective control of mildew.

• **FOR DEODORIZING THE AIR:** Helps to reduce odors. Delightful fresh fragrance lingers delicately in the air reducing cooking smoke and bathroom odors. To deodorize, spray in a sweeping motion up and to the center of the room for about 5 seconds. Do not use on polished wood, furniture or rayon fabrics.

Safety Cautions

Keep out of reach of children. Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

Refer to S.D.S. and product label for additional safety information and directions for use.

**KILLS H1N1
INFLUENZA A VIRUS
(SWINE FLU), HERPES
SIMPLEX TYPE II, HIV-1,
TB, and MRSA!**
WHEN CAREFULLY FOLLOWING
DIRECTIONS ON PRODUCT
LABELING

Core Facts

Fresh Linen Fragrance

Fast-drying

Non-foaming

Broad-range disinfectant

Typical Properties

Specific Gravity: 0.881

pH: 8.5

Active Ingredients:

Ortho-phenylphenol: 0.08% min

Para-tertiary amylphenol: 0.02%min

Propellant: Hydrocarbon

Spray Characteristics: Medium,
coarse spray

Fragrance: Fresh Linen

Net Weight: 17 ounces

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Apple Products Inc.
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www.applechemicals.net



TM

084224TECHPE.111815

Take a
BITE
Out of
Germs

E133

DISINFECTANT CLEANERS

Foamy Revive Disinfectant Cleaner

This product is designed specifically for general cleaning and disinfecting in homes, hospitals, nursing homes, schools, and hotels. It is formulated to disinfect inanimate hard surfaces such as walls, sink tops, tables, chairs, telephones, bathrooms, shower stalls, bathtubs, hampers, cabinets and bed springs. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

BACTERICIDAL ACTIVITY- When used as directed, this product exhibits effective disinfectant activity against the organisms: Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, HIV-1 (associated with AIDS), TB, MRSA, VISA, VRE, Canine Parvovirus, Hepatitis B, Hepatitis C and meets the requirements for hospital use.

Directions

- **DISINFECTION, DEODORIZATION AND CLEANING** - Shake can before using. Hold container six to eight inches from surface to be treated. Spray area until it is covered with a white foam. Allow foam to penetrate and remain wet for 10 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum. For heavily soiled areas, remove gross filth or heavy soil before treatment.

- **MILDEWSTAT** - To control mold and mildew on pre-cleaned hard non-porous surfaces, spray surfaces to be treated, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

Safety Cautions

Keep out of reach of children. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

Refer to S.D.S. and product label for additional safety information and directions for use.

Core Facts

Effective against TB, HIV-1, Hepatitis B and C, Canine Parvo

Produces stable foam on vertical surfaces

Excellent cleaner for restroom and other surfaces

Typical Properties

Specific Gravity: 1.0

pH: 11.7

Active Ingredients:

N-Alkyl (60% C₁₄, 30% C₁₈, 5% C₁₂, 5% C₁₆) dimethyl benzyl ammonium chlorides: **0.105%**

Dimethyl ethylbenzyl ammonium chlorides: **0.105%**

Propellant: Hydrocarbon

Spray Characteristics: clinging foam

Fragrance: Pleasant

Net Weight: 19 oz.



TM

084226TECHPE.111815

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www.applechemicals.net

Degreasers
that cut to the

CORE

E135

DEGREASER CLEANERS

Power-Solv Safety Solvent Degreaser

A highly concentrated solvent designed to remove dirt, grease, oil and grime from motors and other equipment without disassembly. Cleaning is quick and simple without the danger of injury to working parts. Ideally suited for use on ice machines, vending machines, and other refrigeration units where water clean-up is a problem. Also use on electric motors even while running, electric equipment, generators, power tools, etc.

Do not use on automated electronic process control or monitoring systems, computers, or data processing equipment. May effect certain plastics. Test before using.

Directions

Spray generously over the surface to be cleaned until completely wet. Allow the solvent to set for a minute, then wipe or rinse off with a second spray. Use only with adequate ventilation.

WARNING: This product contains a chemical known to the state of California to cause cancer.

Safety Cautions

Keep out of reach of children. Read label and SDS before Use.
Contains gas under pressure; may explode if heated. May Cause cancer; suspected of causing genetic defects (route of exposure: inhalation). May Cause drowsiness or dizziness. Causes skin irritation. May Cause an allergic skin reaction. Causes serious eye irritation.

Refer to S.D.S. for additional safety information.



Core Facts

- Fast drying
- Non-flammable
- Non-conductive
- Contains on oil
- Leaves on film
- Excellent degreaser

Typical Properties

- Specific Gravity: 1.456
- Dielectric breakdown voltage: 32,000 volts
- Flash Point: Non flammable
- Evaporation Rate: 6.4
- Residue on Drying: None
- KB Value: 130
- Appearance: Colorless
- Odor: Chlorinated solvent
- Net Weight: 17 ounces

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TM

084205TECHPE-111715

Pick
Away
the
Bad Ones

E136

INSECTICIDES

Slapshot

Kills Cockroaches, Ants, Spiders, Ticks, Fleas and more. Use in and around Homes, Apartments, Garages, Motels, Hotels, Institutions and Food Processing Plants. Residual Insecticide. Lasts for Weeks.

Directions

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

- Shake Well Before Using
- To operate hold can upright, direct orifice toward the surface to be treated and press the actuator button.

HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACK FLIES, SKIPPER FLIES, BLOW FLIES, AND SMALL FLYING MOTHS: Close all doors and windows and spray room at the rate of 2 to 3 seconds per 1000 cubic feet. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion.

COCKROACHES, WATERBUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS, MILLIPEDES, CENTIPEDES, SOWBUGS AND PILLBUGS: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray when ever possible.

ANTS: Spray trails, nests and points of entry. Spray on ants where possible.

FLEAS AND TICKS (ADULTS AND LARVAE): Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use.

CAUTION: Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking. Do not allow children or pets to contact treated surfaces until spray has dried. Do not allow spray to contact food, feedstuffs or water supplies.

Safety Cautions

Keep out of reach of children. Contents under pressure. Do not expose to heat or store at temperatures exceeding 120°F. Do not puncture or incinerate container.

Refer to S.D.S. and product label for additional safety information and directions for use.

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Core Facts

Water-based

Residual contact, and space
spray

Controls both crawling and flying
insects

Typical Properties

Specific Gravity: 0.960

pH: 9.75

Active Ingredient: Premethrin:
0.25%

Odor: Vanilla

Propellant: Hydrocarbon

Spray Characteristics: Medium
Spray

Net Weight: 17 ounces



084220TECHPE.112015

Pick
Away
the
Bad Ones

E137

INSECTICIDES

Smack-Down Wasp & Hornet Killer

- Quick Kill
- Kills the Entire Nest
- Kills with Residual Action as Wasps and Hornets Return to Nest
- Prevents Nesting
- Acts as a Barrier that Prevents Insects from Entering the Home
- JET SPRAY— Will Reach Nests up to 20 Feet Above Ground
- Drops Wasps, Hornets and Yellow Jackets Instantly
- Electrically Non-Conducting
- Dielectric Breakdown Voltage of 49,500 Volts
- Can Be Used Both Indoors (attics and other places where nests are built) and Outdoors on Wasp & Hornet Nests
- Triple Action Formula
- Contains No CFC's or Other Ozone Depleting Substances

Directions

Do not use in commercial food/feed handling establishments, restaurants or other sites where food/feed is commercially prepared, processed, or served.

For best results, spray in early morning or late evening when insect activity is minimal. Stand a safe distance from nest and not directly underneath. Remove protective cap. Hold can upright and point spray opening toward nest with wind at your back. Spray until nest is thoroughly saturated to kill the entire nest population. Residual action will kill wasps and hornets returning to the nest. Wait at least 24 hours before removing the nest.

To kill wasps, hornets and yellow jackets under eaves, screens, window frames, doors, patios, cracks, holes or crevices wherever insects are noticed, spray for about 1-2 seconds or until surfaces are moist. To prevent entrance of insects into the house, spray around points where insects enter such as outside plumbing, faucets, etc., and cracks or crevices in foundation as well as along sills and ledges.

Do not apply to pets or contaminate feed, foodstuffs, dishes or utensils. Avoid spraying vegetation directly.

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water.

Safety Cautions

Keep out of reach of children. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Refer to S.D.S. and product label for additional safety information and directions for use.

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Core Facts

Contains Permethrin and Tetramethrin synergized with Piperonyl Butoxide

Quick kill!

Jet spray- reaches nests up to 20 feet above ground

Non-conductive

Kills with residual action as wasps and hornets return to nests

Prevents nesting

Typical Properties

Specific Gravity: 0.81

Conductivity: 49,500 volts

Active Ingredients:
Tetramethrin: 0.150%
Permethrin: 0.375%
Piperonyl Butoxide: 0.750%

Odor: Insecticidal

Propellant: Carbon Dioxide

Spray Characteristics: 20' stream

Net Weight: 14 oz (397g)



TM

084221TECHPE.112015

Shine
your
APPLES

E139

POLISHES

Citra-Shine Furniture Polish

CITRA-SHINE Furniture Polish is formulated with orange oil and provides long lasting protection for furniture and fixtures.

Use on most surfaces including: furniture, fixtures, office desks, school desks, equipment and wood paneling.

Directions

SHAKE WELL BEFORE USING. Remove protective cap and spray moderately 6 to 8" from surface to be polished. Wipe in a circular motion immediately with a soft clean cloth. Avoid contact with fabrics. To prevent clogging, invert can and spray until actuator button is clear.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Contains gas under pressure; may explode if heated.
May cause an allergic skin reaction.
Causes skin and serious eye irritation.

Refer to S.D.S. for additional safety information.



Core Facts

Contains no CFC's

Protects instantly

Excellent for use on sealed & unsealed wood

Fresh orange scent

Typical Properties

Specific Gravity: 0.980

pH: 8.0

Silicones: 9%

Wax: Carnauba

Fragrance: Orange

Propellant: Hydrocarbon

Spray Characteristics: Medium circular spray

Net Weight: 17 ounces (482g)



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TM

084213TECHPE-112015

No
Bad
APPLES

E140

RESTROOM CARE

Blue Bandit Disinfectant Bowl Cleaner

●CLEANS ●DEODORIZES ●DISINFECTS

LIMITED DISINFECTANT AGAINST GRAM-NEGATIVE BACTERIA

Removes lime, soap scum, hard water deposits, uric acid salts, and various discolorations from toilet bowls, urinals, shower stalls, ceramic tiles and sinks. Effective against *Salmonella choleraesuis* when used undiluted on pre-cleaned hard non-porous environmental surfaces, according to the AOAC Use Dilution Method.

Directions

To Clean Toilets and Urinals: Remove water by forcing it over the trap with swab mop. Saturate swab with this product and wet all surfaces thoroughly. It is most important to swab under the rim of bowl or urinal to clean water outlets. Allow this product to remain for at least 10 minutes until all rust, scale, and stains are loosened. Rinse by flushing.

To Clean Sinks, Bathtubs, Shower Stalls, Drinking Fountains, Ceramic Tile Floors: Dilute one part of this product with two parts water and apply to wet all surfaces thoroughly with swab mop, sponge, brush or cloth. Allow to remain for at least 10 minutes. Rinse with water after cleaning.

TO DISINFECT SURFACES LISTED ABOVE:

1. Before disinfecting, pre-clean the surfaces according to cleaning directions above.
2. Apply this product with swab mop, sponge, brush or cloth. Thoroughly wet all surfaces for a minimum contact time of 10 minutes.
3. Rinse thoroughly with potable water.

Safety Cautions

Keep out of reach of children. Corrosive. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation.

Refer to S.D.S. for additional safety information.

Core Facts

Low-acid bowl cleaner

Thick, clinging to vertical surfaces

Pleasant fragrance

Typical Properties

Specific Gravity: 1.055

pH: 0.5

Acidity: 9.6%

Viscosity: 100 cps

Appearance: Clear blue liquid

Fragrance: Mint

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TM

086838TECHPE-111715

No
Bad
APPLES

E141

RESTROOM CARE

Scrubs Disinfectant Cream Cleanser

Limited Disinfectant Against Gram-Negative Bacteria

For use in schools, motels, hotels, manufacturing plants, office buildings and food handling establishments.

Directions

- To clean and deodorize hard surfaces, squeeze directly on surface or on wet cloth, sponge or brush.
- Loosen soil with agitation.
- Rinse with water.
- For a bright shine, polish with soft dry cloth.
- On stainless steel, rub with grain.

NOTE: Use only on surfaces not harmed by mild abrasives, such as porcelain, metal, enamel, stainless steel, pots and pans, urinals, rubber, plastic, sinks, bathtubs, chrome, drinking fountains, ceramic tile, Formica, fiberglass. Excellent for removing rust, soap scum, stains, grease and hard water minerals.

TO DISINFECT SURFACES LISTED ABOVE:

1. Before disinfecting, thoroughly pre-clean the surfaces according to cleaning directions above.
2. Apply this undiluted product with swab mop, sponge, brush or cloth. Thoroughly wet all surfaces, allow to remain wet for a minimum contact time of 10 minutes.
3. Rinse thoroughly with potable water.

Safety Cautions

Keep out of reach of children.

Refer to S.D.S. and product label for additional safety information.

Core Facts

Effective against salmonella

Brightens, polishes, deodorizes

Thick and clinging to vertical surfaces

Free rinsing

Controlled sudsing

Typical Properties

Specific Gravity: 1.3

pH: 2.5

Solids: 40%

Viscosity: 10,000 cps

Appearance: Thick off-white liquid

Fragrance: Mint

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TM

086891TECHPE-111815

E142

HAND
PICKED
Skin
Care

DermaCare Foaming Antimicrobial Hand Soap

Antimicrobial and antibacterial soap with Triclosan. Effective against E. Coli, Staphylococcus Aureus, and Serratia Marcescens. Use in restaurants, food preparation areas, schools, hospitals, senior care facilities, and offices. Hands smell fresh and clean – **DermaCare** is enhanced with emollients and skin conditioners to ensure mildness, even when used frequently.

Safety Cautions

Keep out of reach of children. Refer to M.S.D.S. for additional safety information.

Efficacy Data

0.3% Triclosan Hand Soap Time Kill Study

Organism	Time	RF (% Reduction)
E. coli	15 sec	99.9999%
S. enterica	15 sec	99.9999%

Core Facts

Active Ingredient: Triclosan .3%

Contains Aloe Vera and Lanolin

Very Mild

High-Foaming

Pleasantly scented

Typical Properties

pH: 8.5

Triclosan: 0.3%

Appearance: Clear Peachy-Red

Fragrance: Mango

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TM

E142/1101

E143

**HAND
PICKED.**
**Skin
Care**

DermaCleanse Foaming Hand Wash

DermaCleanse with its natural grapefruit fragrance leaves skin clean, soft and refreshed!

Directions

Add water and work into a lather.
Rinse and dry thoroughly.

Safety Cautions

Keep out of reach of children. This product is an eye irritant.
Refer to S.D.S. for additional safety information.

Core Facts

DfE Recognized for Safer Chemistry

Instant Foam

Fresh grapefruit fragrance

Gentle detergent enriched with moisturizers

Leaves skin clean, soft and refreshed

Typical Properties

pH: 6.5 - 8.0

Solids: 7.4 - 7.8

Appearance: Clear pink liquid

Fragrance: Fresh grapefruit



epa.gov/dfesaferchoice



TM

086918TECHPE-111915

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E144

HAND
PICKED
Skin
Care

Al CaFoam Instant Foaming Hand Sanitizer

Fast instant foaming hand sanitizer is an ethyl alcohol-based sanitizer for use when water is unavailable.

Directions

To decrease bacteria on skin, apply a small amount to palm. Briskly rub covering hands with product until dry.

Safety Cautions

DANGER: Flammable. Keep away from fire or flame. For external use only. Do not use in the eyes. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a physician. If swallowed, contact a physician or poison control center.

Keep out of reach of children. This product is an eye irritant.

Refer to S.D.S. for additional safety information.

Core Facts

Foaming
FDA registered
Fast-drying
Conditions skin
Kills bacteria

Typical Properties

pH: 7.5
Active Ingredient: 62% Ethanol
Appearance: Clear Liquid
Fragrance: Pleasant

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TM

086917TECHPE-111915

E145

Allure Floor Finish

This metal-crosslinked, modified acrylic floor finish provides excellent lay down gloss and superior response to high speed burnishing. It can be maintained with either conventional low-speed programs or infrequent (2-3 times a week) high speed burnishing.

Directions

- 1) Thoroughly strip floor with a stripper.
- 2) Rinse floor thoroughly with clean water.
- 3) Apply a sealer base (optional) to worn floors or high traffic floors to improve wear-resistance and enhance gloss.
- 4) Apply 2-4 coats of floor finish in uniform thin coats allowing time to dry thoroughly between coats. Allow for longer drying time in damp weather.

Maintenance

Sweep as necessary. Damp mop or scrub lightly with a mild, neutral detergent. Spray buff or buff lightly with appropriate pad. Also excellent for high-speed buffing. In high traffic areas, recoat worn spots as necessary.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation.

Refer to S.D.S. for additional safety information.



CLASSIFIED BY
UNDERWRITERS LABORATORIES INC.®
AS TO SLIP RESISTANCE ONLY.
2M05

Core Facts

Excellent gloss

Superior response to high speed burnishing

Good Durability

Typical Properties

Specific Gravity: 1.02

Solid Content: 18%

pH: 8.3

Leveling: Excellent

Film Formation: Excellent

Gloss: Excellent

Water resistance: Excellent

Detergent resistance: Very Good
- Excellent

Removability: Excellent

Black heal mark resistance: Very Good

Slip Resistance: 0.6 (James Static Coefficient of Friction)

Odor: Slight Ammonia

Appearance: White Emulsion



TM

086893TECHPE-111815

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Floor Care
with a
PEEL

E148

FINISH STRIPPERS

Meltdown No Rinse Floor Finish Remover

This no rinse stripper is formulated to be used without scrubbing machines. Contains no ammonia which makes it much more pleasant to work with. Labor saver due to fast penetration and rapid emulsification of old finishes.

Directions

For light or medium build-up of wax, dilute 1 part product to 13 parts water; for heavy build-up, dilute 1 part product to 4 parts water. Apply the diluted solution directly to the floor and allow to remain 5-10 minutes. Remove solution with mop, wet vacuum or automatic scrubber. No rinsing required. Let the floor dry, and check for any powdery residue. Rinse if any powdery residue remains on floor.

Safety Cautions

Keep out of reach of children. Read label and SDS before use. Causes severe skin burns and eye damage. May cause respiratory irritation. Harmful if swallowed. Combustible liquid.

Refer to S.D.S. for additional safety information.



Core Facts

Fast acting
Non-ammoniated
"No-Rinse"

Typical Properties

Specific Gravity: 0.983
pH: 11.7
Alkalinity as Na2O: 8.0%
Odor: Butyl
Appearance: Clear yellow liquid

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TM

086832TECHPE.121615

Floor Care
with a
PEEL

E149

FINISH STRIPPERS

Utmost Highly Aggressive No-Rinse Stripper

Utmost is a fast-acting, floor finish liquefier that will solve stripping difficulties caused by frequent high speed burnishing, super hard urethane fortified finishes, or excessive build-up. Use to remove certain waxes, sealers, and floor finishes. Recommended for removing water-based acrylic and urethane fortified floor finishes from all types of resilient tile and hard surfaces.

Directions

Dilute **Utmost** up to 1 to 4 with water. Apply the diluted solution directly to the floor scrubbing vigorously with a mop or stripping pad. Allow to remain 5-10 minutes. Remove with a mop, wet vacuum or automatic scrubber. Rinse twice with clear water. Let the floor dry thoroughly before applying new finish or sealer.

Safety Cautions

Keep out of reach of children. It is recommended that protective gloves and safety glasses be worn when using this product. Make sure there is adequate ventilation. Refer to M.S.D.S. for additional safety information.

Core Facts

Powerful and fast acting
Reduces labor

Typical Properties

Specific Gravity: 1.09

pH: 13.5

Total Alkalinity: 12.0

Odor: Sassafrass

Appearance: Clear light amber liquid

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TM

E149/1005

Degreasers
that cut to the

CORE

E160

DEGREASER CLEANERS

Thunder Bolt RTU Non-butyl Degreaser

This biodegradable formulation is based on a surfactant system with fast Dynamic Surface Tension, allowing for superior penetration and removal of oily/greasy soils. Containing no solvents, butyl, glycol ethers, with zero VOC's and low odor, this product is superior to most non-butyl degreasers on the market and works as well as butyl-based products in heavy-duty industrial applications. The surfactant system is derived from naturally occurring sources and has passed all the necessary testing for a green seal GS-37 standard.

Excellent for use in food service, industrial, automotive and janitorial applications for cleaning equipment, tables, counter tops, walls and many other surfaces. Excellent non-acid wheel cleaner.

Directions

Spray, mop, or wipe on a surface to be cleaned. For heavy soil, allow the product to remain on the surface for several minutes. Rinse thoroughly with water.

Safety Cautions

Keep out of reach of children. Read label and SDS before Use. Causes serious eye irritation. Causes skin Irritation.

Refer to S.D.S. for additional safety information.



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Core Facts

Non-butyl
Non-flammable
Non-corrosive
Ready to use
Highly effective on oil stains

Typical Properties

Specific Gravity: 1.04
pH: 11.5
Rinsability: Excellent
Appearance: Clear colorless liquid
Odor: Fresh



TM

086587TECHPE-111715

Take a
BITE
Out of
Germs

E163

Pine Quat

- CLEANER • DISINFECTANT
- DEDORIZER • FUNGICIDE • *VIRUCIDE

Pine scented cleaner and disinfectant designed for light industrial cleaning. For use on walls, floors and any inanimate hard nonporous surfaces. This product is a phosphate free formulation designed to provide effective cleaning, deodorizing, and disinfection specifically for hospitals, nursing homes, schools, and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination. This product, when used as directed, is formulated to disinfect inanimate hard nonporous surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting. This product may not be used in heating, ventilation, and air conditioning (HVAC) systems. 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.

BACTERICIDAL ACTIVITY- When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against *Salmonella enterica* and *Staphylococcus aureus*. When diluted at the rate of 3 ounces per gallon of water, this product exhibits effective disinfectant activity against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, Methicillin resistant *Staphylococcus aureus* (MRSA), and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), and meets all requirements for hospital use.

VIRUCIDAL ACTIVITY- This product, when used on environmental, inanimate, hard, non-porous surfaces at 3 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), and Hepatitis B Virus (HBV). *Kills Pandemic 2009 H1N1 Influenza A virus (formerly called Swine Flu).*

FUNGICIDAL ACTIVITY- This product, when used on environmental, inanimate, hard, non-porous surfaces at 3 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), and Hepatitis B Virus (HBV).

KILLS
H1N1 VIRUS
(SWINE FLU),
HIV-1, HEPATITIS B,
and MRSA!

Core Facts

3.2% dual quaternary ammonium compound

2 oz per gallon dilution for non-medical uses

3 oz per gallon dilution for medical uses

Economical

Typical Properties

Specific Gravity: 1.042

pH: 11.0

Active Quats: 3.2% min.

Appearance: Clear yellow liquid

Fragrance: Fresh Pine

Directions

For best results, use disinfectant with a cloth or mop and apply to walls, floors, table tops, counters and garbage pails.

For heavy soil, a pre-cleaning step is required before using. Thoroughly wet all surfaces. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

Safety Cautions

Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed.

Refer to S.D.S. and product label for additional safety information and directions for use.

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TM

086614TECHPE.111815

DISINFECTANT CLEANERS

Degreasers
that cut to the

CORE

E164

DEGREASER CLEANERS

Degrease-It Heavy Duty Butyl Degreaser

DEGREASE-IT is a highly concentrated butyl degreaser which dissolves and emulsifies the heaviest of grease accumulations. This product may also be used on carpet as a Traffic Lane Pre-spotter to loosen tough water and oil-based stains on carpet before extraction or shampoo cleaning.

Directions

Dilute 2 ounces per gallon for general degreasing and routine maintenance. Higher concentrations may be required where heavy grease accumulations exist.

CARPET PRE-SPOTTER: Dilute 2-6 oz. per gallon of water depending on the amount of soil. Spray carpet lightly holding sprayer 12" to 16" from the surface. Avoid overwetting. Allow solution to remain on carpet 5-10 minutes before extraction. This product is moderately alkaline and therefore not recommended on stain-resist (5th generation) carpets.

Safety Cautions

Keep out of reach of children. Read label and SDS before use.
Causes severe skin burns and eye damage.

Refer to S.D.S. for additional safety information.



Core Facts

Highly concentrated butyl degreaser

Excellent for many industrial and institutional applications

Typical Properties

Specific Gravity: 1.065

pH: 13.2

Total Alkalinity (as Na2O):
1.90%

Solvents: 8.0%

Solids: 12.1%

Appearance: Clear blue liquid

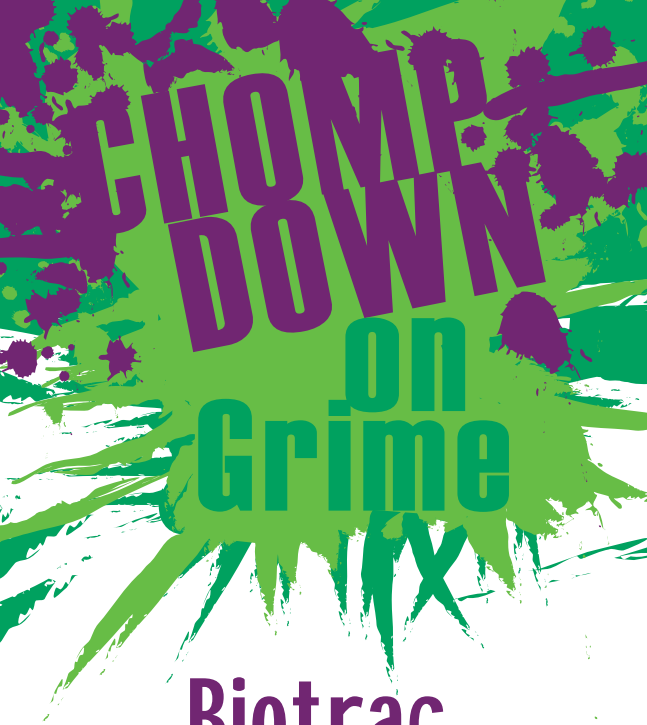
Odor: Butyl

Distributed by:
Apple Products Inc.
P. O. Box 16247 Atlanta, GA 30321
www.applechemicals.net



TM

086615TECHPE-111715



E165

Biotrac Hard Surface Cleaner

This product is a liquid concentrated microbial cleaner for use on hard surface floors such as quarry tile and concrete in commercial kitchens and other food preparation areas. It combines biodegradable surfactants for immediate cleaning and a blend of specifically selected microbial cultures that penetrate deep into tile pores for the breakdown of residual organic material. The cleaner is recommended to be emptied down the drain line where it will offer an effective drain and grease trap treatment. Regular use prevents grease build-up, reduces slippery floor surfaces, maintains a sanitary and odor-free floor, reduces organic material buildup in drains and eliminates conventional hazardous cleaners.

Directions

Product must be diluted before use. Mix 2 - 4 ounces of this product per gallon of water before use. Clean or mop area. No rinsing necessary.

Safety Cautions

It is recommended that protective gloves and safety glasses be worn when using this product.

Refer to S.D.S. and product label for additional safety information.

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Core Facts

Utilizes the powerful waste digesting abilities of specifically selected beneficial microbial cultures, and the natural enzymes produced by these cultures.

Destroys odors naturally without the need of a fragrance or masking agent.

Breaks down proteins, carbohydrates, animal and vegetable fats, oils, and cellulose for effective waste digestion and odor reduction.

Eliminates carry over and odors in grease traps and reduces the need for pump-outs.

Typical Properties

Specific Gravity: 1.0

pH: 8.0

Effective temperature range:
45-120°F

Microbial count: 200 billion
cfu/gallon

Contents: Bacillus Spore Blend
Lipase Enzyme

- Protein digesting microbes
- Starch digesting microbes
- Cellulose digesting microbes
- Fat, oil & grease digesting microbes

Appearance: Clear green liquid

Fragrance: Fresh



TM
086609TECHPE-111815

ALL PURPOSE NEUTRAL CLEANERS

**CHOMP
DOWN**
on
Grime

E170

GLASS CLEANERS

RTU Glimmer Ammoniated Glass Cleaner

A ready to use, economical cleaner designed for cleaning all types of glass and glassware without streaking. This product is also safe to use on any type tile, chrome, vinyl, plastic or stainless steel surface.

Directions

Apply directly to surface with a hand sprayer or saturated cloth; use clean, dry cloth to dry.

- Will Not Scratch Surface

Safety Cautions

Keep out of reach of children. Read label and SDS before Use.
Flammable liquid and vapor.

Refer to S.D.S. For additional safety information.



Core Facts

RTU ammoniated

Fast-drying

Non-streaking

Typical Properties

Specific Gravity: 0.985

pH: 11.0

Phosphates (P2O5): None

Ammonia: 0.35%

Appearance: Clear blue liquid

Odor: Ammonia

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