



# Product Catalog

# eFFectant Disinfectant

Technical Data and Training Sheet



## Uses

- Food contact surface sanitizing
- Disinfection of areas contaminated with blood borne pathogens, or other surface areas of likely dangerous pathogen presence
- **Designed for use in:** Hospitals, Nursing Homes, Schools, Hotels, Athletic/Recreational Facilities, Food Processing Plants, Food Service Establishments, Hatcheries, Egg Facilities, Dairy Farms, Livestock and/or Poultry Facilities, Arboretums, Greenhouses, Gardens, Cannabis Growing Facilities, Laboratories, Medical Clinics, Medical Facilities, Medical or Doctor's Offices, Newborn or Neonatal Nurseries, Dentist's Offices, Animal Housing Facilities, Animal Life Science Laboratories, Lab Animal Facilities, Animal or Pet Grooming Facilities, Pet Areas, Pet Shops, Veterinary Clinics or Animal Hospitals.

## Pack Sizes

eFF-6	6x1 Quart with Sprayers
eFF-4	4x1 Gallon
eFF-5	1x5 Gallon Pail
eFF-55	55 Gallon Drum
eFF-275	275 Gallon Tote



Gallon liquid and misting pumps also available.

## General Description

eFFectant is an eco-friendly sanitizer and disinfectant, generated through electrolysis in an Electrical Chemical Activation (ECA) device. The active ingredient of eFFectant is hypochlorous acid. It is a Ready to Use Hospital Disinfectant that kills bacteria, viruses, and bacteria that cause odor. It is convenient and easy to handle.

**Effective against the following with a 10 min contact time:** Salmonella enterica, Staphylococcus aureus, Staphylococcus aureus MRSA, Swine Influenza virus (H1N1), Escherichia-Coli O157: H7, Listeria monocytogenes, Pseudomonas aeruginosa

## Use Instructions

### Disinfecting:

**To Clean and Disinfect Hard, Non-Porous Surfaces:** For heavily soiled areas, a preliminary cleaning is required. Apply eFFectant at 500 ppm FAC with a cloth, wipe, mop or sponge. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Food contact surfaces such as counters and tables must be rinsed with potable water. Do not use on utensils, glasses or dishes.

**Food Processing and Service Establishments:** Before using this product, food products and packaging materials must be removed from the area or carefully protected.

**To clean, remove, destroy and reduce specified allergens:** Dilute with water to prepare a 100-200 ppm solution. Use chlorine test strips to confirm concentration. Apply solution with paper towel, cloth, mop, sponge, spray or immersion. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Use daily or as often as desired.

**Sanitizing:** Dilute eFFectant to 50-150ppm. Check concentration with chlorine test strip. Pre-clean heavily soiled areas prior to sanitizing. Spray or mop onto surface and let stand for 90 seconds before wiping or mopping dry.

**Storage and Handling Instructions:** Store in cool, dry area with plenty of ventilation. No protective equipment is required for normal use, though safety glasses or chemical goggles may be worn to prevent aggravating a pre-existing condition.

## Product Specifications:

• pH at production - 6(+/--.3)

### ACTIVE INGREDIENT:

Hypochlorous Acid .....	0.046%
Sodium Chloride.....	0.450%
INERT INGREDIENTS: .....	99.504%
TOTAL: .....	100.000%

## Product Storage

Keep out of direct sunlight, heated areas and make sure to close caps or sprayer to containers after use. Use within 30 days or test with a chlorine test strip to confirm that FAC concentration is above 450 ppm.



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EPA Est. No. 86854-NY-2

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## General Description

A super concentrated formulation of naturally occurring bacteria strains specific to consuming grease and organic materials that accumulate over time. E-80 works in two ways, it provides immediate cleaning and can perform deep cleaning to grout on kitchen floors and porous stone surfaces, removing embedded, residual grease, grime, odors and organics left in pores, cracks, corners and crevices. Formula is beneficial to waste water, septic systems and leach fields by helping maintain accumulated waste.

## Uses:

- Cleans Floors
- Restores Tiles and Grout
- Reduces Slippage by Removing Embedded Grease
- Controls Odors & Flies
- Beneficial to Wastewater, Grease Traps, Septic Systems and Leach Fields.

## Directions of Use

### For Deep Cleaning of Grease & Grime Buildup:

Dilute 32:1, or 4 oz per gallon of Water. Wet mop onto area to be cleaned. Agitate with stiff brush or broom, let stand overnight. Mop up or Rise residue. Re-treat using same dilution if necessary. Understand, the most established/severe cases will seem to get worse before better-old grease is coming up from porous surfaces. Once floor and grout is restored, use regular maintenance dilution of 64:1.

### Regular Floor Maintenance:

Dilute 64:1, or 2 oz per gallon of water, wet mop onto area, let air dry. As regular maintenance, is a Non-Rinse formula. Kitchen Floors & Grout, Natural Stone & Grout, Loading Docks, Receiving and Storage Areas.

## Product

### Specifications:

- Bacteria Specifications 200 Billion cfu/gal
- Bacteria Type Blend of Bacillus spores
- pH Range 7.5-8.0
- Appearance Blue
- Fragrance Natural grapefruit
- Stability 2 years at 35-95 degrees

## Product Code & Pack Size

E80-5	5 Gallon Pail
E80-G	4 Gallons/Case
E80C-2	2 Gallons/Case

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients  
**Contains no preservatives.**



**Uses:**

- Hand Soap
- Body Wash
- Hair Shampoo with Conditioning Qualities

**Product**

**Specifications:**

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY 1.10 ± .02
- SOLUBILITY IN WATER Infinite
- SOLUBILITY IN SOLVENT Moderate
- APPEARANCE Clear Viscous liquid
- ODOR Apple
- pH RANGE 5.5 – 7.5
- VOC <0.5%

**Product Code & Pack Size**

E12-2	2 Gallons/case
E12-G	4 Gallons/case

**General Description**

A naturally derived hand soap made primarily from replenishable natural resources. Non-irritating, very gentle cleansing soap for all skin types. Helps prevent dry skin. May be used as hand soap, body wash and hair shampoo with conditioning qualities. Does NOT use anti-microbial agents.

**Directions of Use**

**Directions:** Wet hair or hands and apply soap. Lather & rinse with water. Repeat if desired.

**Environmental Information**

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Packaging:** This product is packaged in plastic that is recyclable & which may contain up to 25% recycled plastic.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.



### Uses:

- Hand Soap
- Body Wash
- Hair Shampoo with Conditioning Qualities

### Product Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY 1.10 ± .02
- SOLUBILITY IN WATER Infinite
- SOLUBILITY IN SOLVENT Moderate
- APPEARANCE Clear Viscous liquid
- ODOR Apple
- pH RANGE 6.5 - 7.5
- VOC <0.5%

### Product Code & Pack Size

E12F-2	2 Gallons/case
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## General Description

A naturally derived hand soap made primarily from replenishable natural resources. Non-irritating, very gentle cleansing soap for all skin types. Helps prevent dry skin. May be used as hand soap, body wash and hair shampoo with conditioning qualities. Does NOT use anti-microbial agents.

## Directions of Use

For use with foaming hand soap dispensers. Wet hair or hands and apply soap.  
Lather & rinse with water. Repeat if desired.

## Caution

Keep out of reach of children. Not for internal consumption. Avoid contact with eyes and prolonged contact with skin. In case of contact, flush thoroughly with water. Always use gloves and goggles when handling any chemicals.

## Environmental Information

**Non Toxic:** This product is free of Phosphates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Packaging:** This product is packaged in plastic that is recyclable & which may contain up to 25% recycled plastic.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.



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# E-19 HAND - SANITIZER

Technical Data and Training Sheet



## Uses:

- Hand Sanitizing

## Ingredients:

- Ethyl Alcohol
- Water
- Glycerin
- Eucalyptus Essential Oil

## Product

### Specifications:

- Appearance - Clear Viscous Liquid
- pH - N/A
- Specific gravity - 0.92 (8.01 lbs/gal)
- Solubility - Complete and Fast
- Stability - 1 Year @ 78°F (25°C)
- Foaming - None
- Metal Safety - Safe with soft metals

## Product Code & Pack Size

E19-55	55 gallon drum
E19-2	2 Gallon/case
E19-G	4 Gallons/case

## General Description

E19 Hand Sanitizer is made from a blend of 100% botanical based ingredients including grain alcohol, Aloe Vera, Eucalyptus Natural Aromatic Extract, and glycerin for a slightly thicker feel.

E19 Hand Sanitizer offers an instant contact kill claim with 65% alcohol content but includes soothing aloe to keep your hands from trying.

We believe the formulation of beneficial and synergistic herbs, essential oils and natural ingredients is an art form. We search for ingredients with uniquely beneficial traditional and therapeutic properties. We also choose not to include synthetic colors, fragrances or harsh chemicals in our products. It is our mission and our privilege to develop our own innovative and efficacious formulas.

## Directions of Use

Do not use with water.

Use 1-2 ounces to wet your hands thoroughly with product.

Rub hands together briskly, making certain E19 makes contact with all skin surface area's. This product must make contact with all skin areas in order to be effective.

## Environmental Information

**Non Toxic:** This product is free of phosphates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Packaging:** This product is packaged contain up to 25% recycled plastic.

# E17 Liquid Hand Sanitizer

Technical Data and Training Sheet



## Uses:

- Hand sanitizing

## Ingredients:

- Ethyl Alcohol
- Glycerol
- Hydrogen Peroxide

## Product

### Specifications:

- Appearance - Liquid
- pH - 7.0-8.0
- Solubility - Complete and Fast
- Stability -1 Year @ 78°F (25°C)
- Foaming - None
- Metal Safety - Safe with soft metals

## Product Code & Pack Size

- |        |                      |
|--------|----------------------|
| E17-24 | 24x2 oz with Sprayer |
| E17-2  | 2x1 Gallon           |
| E17-55 | 55 Gallon Drum       |

## General Description

E17 Hand Sanitizer is a liquid hand sanitizer made from ingredients including grain alcohol, hydrogen peroxide, and glycerol.

E17 Hand Sanitizer offers an instant contact kill claim with 80% alcohol content.

E17 is fragrance and dye free, won't dry out your hands and is recommended for use when soap and water are not available to wash hands. No need to rinse hands after use!

## Directions of Use

Do not use with water.

Use 1-2 ounces to wet your hands thoroughly with product.

Rub hands together briskly, making certain E17 makes contact with all skin surface areas. This product must make contact with all skin areas in order to be effective.

## Environmental Information

**Non Toxic:** This product is free of phosphates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

# E-13 GLASS concentrate

Technical Data and Training Sheet



## Uses:

- Glass
- Mirrors
- Chrome
- Stainless Steel
- Vinyl
- Computer Screens
- Copier and Fax Machines
- Plastic/Plexiglass
- Windshields

## Product

### Specifications:

- pH – Conc. -  $7 \pm 0.5$
- pH - In Use -  $7 \pm 0.5$
- Color - Light Blue
- Odor - Citrus
- H<sub>2</sub>O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

## Product Code & Pack Size

E13-5	5 Gallon Pail
E13-G	4 Gallons/Case
E13C-2	2 Gallons/Case

## General Description

Concentrated spray cleaner for hard, non-porous surfaces. Free of Ammonia, Butyl Ether, Aerosols, petroleum distillates, & acids. A readily biodegradable, non-streaking formula, rapidly evaporates without leaving any detergent residue.

## Directions of Use

**Directions:** Dilute with cold water only according to instructions below. Spray surface to be cleaned & wipe dry with paper towel, clean cloth, or newspaper. Agitate minimally to remove fingerprints, water spots and oil from the surface. A versatile, pH Neutral multi-purpose cleaner specifically formulated for non-porous surfaces such as glass, mirrors, countertops, plastic, chrome, vinyl and stainless steel.

Streak Free Glass Cleaning **32:1 Dilution**  
General All Purpose Cleaning **16:1 Dilution**

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

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# E-14 All Purpose Cleaner

Technical Data and Training Sheet



## Uses:

- Waxed Floors
- Marble
- Terrazzo
- Limestone
- (painted) Concrete Floors
- Spray & Wipe Cleaning
- Plastics
- Walls
- Power Washing
- Dusting
- Furniture
- Automotive Interiors
- Vinyl
- Carpet Extraction

## Product Code & Pack Size

E14-55	55 Gallon Drum
E14-5	5 Gallon Pail
E14-G	4 Gallons/Case
E14C-2	2 Gallons/Case
E14R-6	6 Quarts/Case

## General Description

A non-hazardous, non-polluting, pH neutral, super concentrated spray & wipe and mopping formulation. An extremely versatile all purpose cleaner & mild degreaser safe for all surfaces. Does not contain any known hazardous ingredients as per OSHA. Non-fuming, non-caustic, non-corrosive & petroleum distillate free formula. Replaces corrosive, caustic, butyl based cleaners. Safe for septic system and wastewater when disposed of as directed.

## Directions of Use

Apply diluted product by dip, mop & bucket, sponge, trigger or compression sprayer according to the application. Soak, agitate, or wipe surface. Rinse with water where needed. Dilute with cold water only according to the chart below.

All Purpose, Kitchen, Sinks, Chrome, Walls 32:1 Dilution  
Mopping, Power Washing 64:1 Dilution

## Environmental Information

This product contains no petroleum distillates, butylether, aerosols or perchloroethylene. It contains no known or suspected carcinogens, mutagens or skin sensitizers.

**Readily Biodegradable:** This product is made using only readilybiodegradable ingredients.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

# E-14P PEROXY-APC

Technical Data and Training Sheet



## Uses:

- Glass
- Mirror
- Chrome
- (painted) Concrete Floors
- Spray & Wipe Cleaning
- Plastics
- Walls
- Power Washing
- Dusting
- Furniture
- Automotive Interiors
- Vinyl
- Carpet Extraction

## Product Specifications:

- pH - Concentrate -  $4 \pm 0.5$
- pH - In Use -  $6 \pm 0.5$
- Color - Yellow
- Odor - Extremely mild oxygenated odor
- H2O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

## Product Codes & Pack Sizes

E14P-6	1 QT Bottle
E14P-2	2x1 Gallon
E14P-2.5	2.5 Gallon
E14P-5	5 Gallon Pail
E14P-55	55 Gallon Drum

## General Description

Non-polluting, low Neutral pH, water dilutable, heavy duty degreaser/cleaner containing a balance of natural solvents, wetting agents and alkaline detergents, with the added whitening power of stable Hydrogen Peroxide. Removes automotive, industrial and kitchen grease, soils and oils instantly. Works in both hot and cold water. Inhibits corrosion to metal.

Replaces many traditional petroleum distillates, caustic and butyl based cleaners.

## Directions of Use

Dilute only with water according to chart below. Apply diluted product by spray, dip, mop and bucket, sponge, or trigger sprayer according to the application. Soak, agitate or wipe surface. Rinse with water where needed. (As with all cleaning products, test surface to be cleaned for possible damage in an inconspicuous place before placing in regular service). Adjust dilutions to best suit your application. May be diluted with cold water.

All Purpose, Kitchen, Bathroom, Showers, Sinks, Chrome, Walls 32:1

Dilution Mopping, Carpet Extraction 120:1

## Environmental Information

This product contains no petroleum distillates, butylether, aerosols or perchloroethylene. It contains no known or suspected carcinogens, mutagens or skin sensitizers.

Readily Biodegradable: This product is made using only readily biodegradable ingredients.

# E-38 BATHROOM

Technical Data and Training Sheet



## Uses:

- Showers
- Toilets
- Sinks
- Stainless Steel
- Ceramic Tiles
- Fiberglass
- Glass

## Product

### Specifications:

- pH – Concentrate -  $2.5 \pm 0.5$
- pH - In Use -  $3 \pm 0.5$
- Color - Red
- Odor - Citrus
- H<sub>2</sub>O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

### Product Code & Pack Size

E38-5	5 Gallon Pail
E38-G	4 Gallons/Case
E38C-2	2 Gallons/Case

## General Description

A low acid, fully non-hazardous & non polluting blend of advanced surfactants, specifically formulated for bathroom soils. Rapidly cleans and removes soap scum, lime, scale, body oils, deposits from shower walls & doors, sinks, ceramic tile, fiberglass, vinyl, porcelain & stainless steel. Cleans & deodorizes while out performing traditional corrosive acid cleaners.

## Directions of Use

Dilute with cold water according to chart below. Apply diluted product by dip, mop & bucket, sponge, trigger or compression sprayer according to the application. Soak, agitate, or wipe surface. Rinse with water where needed.

Adjust dilution to best suit your application.

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

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# E-BUB Bio Urinal Block

Technical Data and Training Sheet



## Uses:

- Improves the restroom perception with a cleaner, fresher environment
- Provides a safer and healthier solution for patrons and custodial technicians
- Maintains freshness without offensive chemical odors
- Maintains a fresher facility with less work

## Product

### Specifications:

- SPECIFIC GRAVITY: (Water = 1) N/A
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Moderate
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Blue tube shape block

### Product Code & Pack Size

E-BUB12	12 x 4oz blocks w/screens
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## General Description

E-BUB Urinal Blocks are designed to provide immediate and effective odor control in urinals while inoculating the drain system with beneficial promicrobials. The promicrobials degrade the organics that can cause odors and backups, making a cleaner, fresher restroom experience.

## Directions of Use

Place in men's urinal

### Storage & Handling:

Store in a cool, dry place. Avoid eye & skin contact. Wash hands thoroughly with warm, soapy water after handling.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

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# E-70 STAINLESS

Technical Data and Training Sheet



## Uses:

- Stainless Steel
- Chrome
- Appliances
- Cookware
- Refrigerators
- Kitchen Metal Surfaces
- Fixtures

## Product Code & Pack Size

E70-6	6 Quarts/case
E70-G	4 Gallons/case

## General Description

Exceptional stainless steel and chrome cleaner. 100% Non Toxic, Non Hazardous formula that is readily biodegradable. Does NOT contain any butyl, perchloroethylene, mineral spirits or petroleum based ingredients and is very low VOC. A non-fuming, non-caustic formula with a health and safety rating of "0". Use for removal of fingerprints, oil, smudges and other buildup from stainless steel, chrome, appliances, cookware, ceramic, cutlery, fixtures, grills, utensils and more. Helps prevent re-soiling of oily fingerprints, grease, grime

## Directions of Use

For best results, using the spray bottle, spray the Stainless Steel Cleaner directly to clean cloth and then rub surface to be cleaned. This is the most economical and safe way to use this product. The product can be sprayed directly on to surface to be cleaned as well. For even more luster, buff with clean, dry cloth. Is a NON-RINSE formula.

Stainless steel, chrome, appliances, cookware, buffed metals.

## Environmental Information

**Non Toxic:** This product is free of petroleum disillates, butyl ether, perchlorethylene and formaldehyde. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**

# E-40 ODOR

Technical Data and Training Sheet



## Uses:

- Carpet, Upholstery, Drapes & Bedding
- Cigar, or Cigarette Smoke Areas or Rooms
- Trash or Laundry Bins
- Carpet Pre-Spray
- Heavy Traffic Areas
- Carpet Shampooing or Extraction Additive
- Locker Areas
- Bathrooms
- Problem Fly Areas
- Mildew Areas
- Pet Areas and Facilities

## Product

### Specifications:

- pH - Conc. - 7
- pH - In Use -  $7 \pm 0.5$
- Color - Light Yellow/Opaque
- Odor - Perfume
- H2O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

## Product Code & Pack Size

E40-5	5 Gallon Pail
E40-G	4 Gallons/case

## General Description

A potent microbial based formula, specific to consuming organic waste that causes odors, many stains, grease and grime. Is a 3 in 1 product formulation for stains, odors and carpet deep cleaning. Once the formula has finished, it leaves behind only H<sub>2</sub>O & CO<sub>2</sub> as by-products. Beneficial to waste water, 100% natural formula that replaces formaldehyde, perchloroethylene, petroleum distillates and synthetic fragrances. Safe on all fabrics. Absolutely amazing on carpet stains & odors with no damage to carpet fibers. Actually restores to original color without any color loss whatsoever.

## Directions of Use

**Strong Odors:** Spray E-40 un-diluted on the area with the offensive odor. Let stand. Repeat if necessary after 24 hours. On carpeting, spray healthy portion of E-40 on area, scrub with brush and let stand.

**As Everyday Deodorizer:** Dilute 3:1. Spray one or two pumps of diluted E-40 on areas with soft or absorbing items.

**For Stain Removal (Ready To Use):** Apply small amount of un-diluted E-40 directly onto stain to be removed. Agitate area with clean brush, pad or rag. Remove excess. In severe cases, let stand overnight and allow the microbes to continue to work. Repeat if necessary.

**For Carpet Extraction:** Use Un-Diluted as a carpet pre-spray. Use a 7:1 dilution in carpet extractor or carpet shampoo machine.

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols and fragrances. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**



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# E-69S SOLID SUDS POT&PAN

Technical Data and Training Sheet



## Uses:

- Plates
- Glasses
- Pots
- Pans
- Dishes
- Utensils

## Product

### Specifications:

- BOILING RANGE: NE
- SPECIFIC GRAVITY: (Water = 1) 1.0 ± .005
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- VAPOR DENSITY: (Air = 1) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Miscible
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Cloudy liquid
- ODOR: Citrus
- PH RANGE: 7.2 ± .5

## Product Code & Pack Size

E69-S	2 Capsules/case
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## General Description

E69S is an environmentally preferable, solid concentrated heavy duty manual warewashing compound. All ingredients are Dfe approved. E69S utilizes state of the art environmentally preferable ingredients without sacrificing performance.

This highly concentrated solid detergent is perfect to use in any kitchen. Dispenses a rich portion of detergent without waste, providing the most cleaning power per ounce of any solid product available.

E69S works quickly to clean plates, glasses, dishes, pots, pans, utensils, and equipment. Suspends greasy soils to allow for easy rinsing without a slippery residue.

Very economical to use while taking up less storage space and always off the floor. A neutral pH assures safety for employee handling.

## Directions of Use

This product should be dispensed only from equipment designed specifically to handle solid capsule detergents.

Remove cap and place inverted capsule into bowl unit. Set the detergent timer to flush an adequate amount of water against block and flow into sink. Fill the remainder of the sink with warm/hot water. Wash kitchenware in sink. Rinse and sanitize as required.

### Storage & Handling:

Store in a cool, dry place. Avoid eye & skin contact. Wash hands thoroughly with warm, soapy water after handling.

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free. Contains no preservatives.**

# E-69 POTS

Technical Data and Training Sheet



## General Description

A moderate sudsing detergent to be used in pots and pans sinks. May be used on all dishes and cooking containers. Works well on greasy pots and pans. Can also be used as a pot, pan and utensil soak. Very gentle on skin. E-69 readily biodegrades with more than 90% of the materials decomposing in 28 days.

## Uses:

- Plates
- Glasses
- Pots
- Pans
- Dishes
- Utensils

## Product

### Specifications:

- BOILING RANGE: NE
- SPECIFIC GRAVITY: (Water = 1) 1.04 ± .005
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Cloudy liquid
- ODOR: Citrus
- PH RANGE: 7.2 ± .5

### Product Code & Pack Size

E69-5	5 Gallon Pail
E69-G	4 Gallons/Case
E69C-2	2 Gallons/Case

## Directions of Use

**Directions:** Apply product by dip, mop & bucket, sponge, trigger or compression sprayer according to the application. Soak, agitate, or wipe surface. Rinse with water where needed.

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.





# E-65 SUDS

Technical Data and Training Sheet



## General Description

A moderate sudsing detergent to be used in pots, pans, and sinks. May be used on all dishes and cooking containers. Works well on greasy pots and pans. Can also be used as a pot, pan and utensil soak. Very gentle on skin. E-65 readily biodegrades with more than 90% of the materials decomposing in 28 days.

## Uses:

- Plates
- Glasses
- Pots
- Pans
- Dishes
- Utensils

## Product

### Specifications:

- BOILING RANGE: NE
- SPECIFIC GRAVITY: (Water = 1) 1.04 ± .005
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Cloudy liquid
- ODOR: Citrus
- PH RANGE: 7.2 ± .5

### Product Code & Pack Size

E65-5	5 Gallon Pail
E65-G	4 Gallons/Case
E65C-2	2 Gallons/Case

## Directions of Use

**Directions & Dilutions:** Add detergent to sink while water is running to build suds. You do NOT need suds to clean! If using a dispenser, it should be set at 1/2 ounce per gallon of water in the sink. Adjustments may be made to the dilution ratio, depending on amount of grease. Wash pots, pans or dishes in customary manner and rinse with hot water. It may be necessary to change water if it gets too dirty.

Utensils, Pot & Pan Soak      **8:1 Dilution**

Pot & Pan Sink Soap      **256:1 Dilution**

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



# C-18 NEUTRAL SANITIZER

Technical Data and Training Sheet



## Uses:

- School
- Restaurants
- Bars
- Dairy
- Institutional Kitchens

## Product

### Specifications:

- Octyl decyl ammonium chloride 2.25%
- Didecyl dimethyl ammonium chloride 1.35%
- Diotyl dimethyl ammonium chloride .90%
- Alkyl (C14-50%, C12-40%-C16-10%) 3.00%
- Dimethyl benzyl ammonium chloride

## Product Code & Pack Size

C18-5	5 Gallon Pail
C18-G	4 Gallons/Case
C18C-2	2 Gallons/Case

## General Description

PH NEUTRAL DISINFECTANT, SANITIZER, FUNGICIDE, VIRUCIDE, DEODORIZER with Organic Soil Tolerance for Hospital, Institutional, Industrial, Agricultural & Other Farm Use, School, Dairy, Restaurants, Bars and Institutional Kitchens Usage for disinfection in hospitals, nursing homes and other health care institutions. As a general purpose virucide. For disinfection in institutions, industry and schools. As a fungicide. For disinfecting of barber tools. As a disinfectant of poultry equipment, animal quarters and kennels. For sanitizing of food processing equipment and other hard surfaces in food contact locations, dairies, restaurants and bars as a rinse.

## Directions of Use

It is recommended to use C-18 Sanitizer through a controlled proportioning system. Dilute with cold water according to the chart below.

**512:1 Dilution Food Service Sanitizer (150ppm Quat)**

**164:1 Dilution Hospital Grade Disinfectant (450ppm)**

## Environmental Information

**Non Toxic:** This product contains no known or suspected carcinogens.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

# E-2 DEGREASER concentrate

Technical Data and Training Sheet



## Uses:

- Regular Floor Mopping
- All Purpose Cleaner
- Utensil, Pot & Pan Soak
- Heavy Duty Cleaner for vents, Hoods or Steam tables
- Sidewalk or Loading Dock Degreaser
- Power washing
- Carpet Extraction

## Product

### Specifications:

- pH – Conc. -  $10 \pm 0.5$
- pH - In Use -  $9.5 \pm 0.5$
- Color - Light Blue
- Odor - Citrus
- H<sub>2</sub>O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

### Product Code & Pack Size

E2-55	55 Gallon Drum
E2-5	5 Gallon Drum
E2-G	4 Gallons/Case
E2C-2	2 Gallons/Case

## General Description

An alkaline, heavy duty degreaser/cleaner containing a balance of natural solvents, wetting agents and advanced plant based surfactants. Removes automotive, industrial & kitchen grease, soils & oils instantly. An extremely versatile product that replaces traditional caustic and butyl/petroleum based products.

## Directions of Use

It is recommended to use E-2 Heavy Duty Degreaser through a controlled proportioning system, ensuring proper dilutions of the various uses.

1. Dilute with cold water according to chart below.
2. Place empty spray bottle/mop bucket at end of effluent hose and press button to dispense.
3. Apply diluted product by spray, dip, mop and bucket, sponge or trigger sprayer according to the application.
4. Soak, agitate, or wipe surface.
5. Rinse with water where needed.

\*NOT for repeated use on protected surfaces - test surface to be cleaned for possible damage in an inconspicuous place before placing in regular service.\*

**Kitchen Floor Mopping,  
Carpet Extraction, Power Washing**     **64:1 Dilution**

**Spray & Wipe Cleaning,  
Utensils, Pot & Pan Soak**     **32:1 Dilution**

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

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This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

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### Uses:

- Clogged Drain Lines
- Kitchen Drains
- Grease Traps
- Sewer Pits
- Floor Drains
- Immediately Eliminates Odors
- Eliminates fly problem

### Product

#### Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY: (Water = 1) 1.21 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Dark Amber liquid
- ODOR: Mild Citrus
- pH – In Use: 4.5 ± 0.5
- VOC: <50 mg/L

#### Product Code & Pack Size

E45-5	5 Gallon Pail
E45-G	4 Gallons/case

## General Description

A super concentrated blend of beneficial bacteria and enzymes, specific to consuming organic waste, grease, grime and odors. Provides rapid digestion of drain deposits and block-ages. Formula beneficial to wastewater, septic systems and leach fields. E45 is safe on pipes and replaces Caustic and Acidic formulations, or ones that use only enzymes, which does not complete the cycle of degradation. Once the formula has finished, alone it leaves behind only H<sub>2</sub>O & CO<sub>2</sub> as by-products.

## Directions of Use

**Directions & Dilutions:** Pour 4 to 8 ounces of Un-Diluted E-45 into drain (depending on the size of drain) and follow with a quart of hot water. Allow to stand over night. Use a plunger to finish unclogging a problem drain. Repeat if necessary.

## Environmental Information

**Non Toxic:** This product is free of caustics, acids, lye, or fuming agents. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**



# E-50 DEODORIZING

Technical Data and Training Sheet



## Uses:

- Public Restrooms
- Trash Bins
- Garbage Areas
- Pet Urine
- Carpet
- Fabric
- Furniture
- Curtains

## Product

### Specifications:

- pH – Conc. - 7
- pH - In Use -  $7 \pm 0.5$
- Color - Clear/Light Opaque
- Odor - Eucalyptus
- H<sub>2</sub>O Solubility - Complete
- Viscosity - Water thin liquid
- Flash Point - N/A

## Product Code & Pack Size

E50-5	5 Gallon Drum
E50-G	4 Gallons/Case
E50C-2	2 Gallons/Case
E50-Q	12 Quarts/Case

## General Description

A super concentrated formulation of beneficial bacteria strains, detergents and natural aromatic extract designed to clean and deodorize all surfaces using no harsh chemicals. Penetrates into cracks, crevices and pores of surfaces where organics accumulate and digests the waste. Provides immediate and long-term odor control and prevents the return of odor causing compounds. Highly effective on all absorbant or non absorbant surfaces based on dilution chart below.

## Directions of Use

### Deodorizing

**Strong Odors:** Spray E-50 un-diluted on the area with the offensive odor. Let stand. Repeat if necessary after 24 hours.

**Embedded Odors in Grout:** Dilute 8:1, pour dilution ratio into mop bucket, wet mop area to deodorize and let air dry. Re-apply if necessary.

### General Hard Surface Cleaning & Deodorizing

Floor Mopping,  
Carpet Extraction, Power Washing **32:1 Dilution**

Spray & Wipe Cleaning,  
Utensils, Pot & Pan Soak **16:1 Dilution**

Deep Cleaning of Grease **3:1/Undiluted**

for Severe embedded Grease & Odors, wet-mop or brush E50 onto area to be cleaned. Agitate with stiff broom or brush. Let air dry. Re-apply if necessary. Rinsing may also be necessary.

## Environmental Information

**Non Toxic:** This product is free of ammoni, butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**



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# E-41 OVEN

Technical Data and Training Sheet



## General Description

An alkaline, 100% plant based Oven Cleaner. Use as is. 100% Non Toxic, Non Caustic, Non Fuming cleaner. Much less harsh for the user to work with. Replaces harsh, caustic, petroleum and butyl based cleaners. Contains no hazardous ingredients as per OSHA regulations. Contains no EDTA, NTA, ammonia or benzene. Gray water & septic water safe.

## Uses:

- Ovens
- Grills
- Hoods
- Vents
- Steam Tables
- Pressure Cooker Areas

## Product

### Specifications:

- BOILING RANGE: NE
- SPECIFIC GRAVITY: (Water = 1) Approximately 1.011
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Blue liquid
- ODOR: Citrus
- PH RANGE: 9.5 ± .5

### Product Code & Pack Size

E41-6	6 Quarts/case
E41-G	4 Gallons/case

## Directions of Use

**Directions & Dilutions:** Ready to Use. Apply to surface to be cleaned. Allow to stand for 20-30 minutes- the longer it is allowed to stand, the easier the cleanup. Scrub with scrub pad and clean off excess. Repeat if necessary. Wear gloves when using this product. Avoid prolonged contact with skin. Use for Ovens, Hoods, Grills, Steam Tables and heavy grease and grime areas.

**Ready to use**

## Environmental Information

**Non Toxic:** This product is free of ammonia, butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**

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# E-6 DISH

Technical Data and Training Sheet



## Uses:

- Plates
- Glasses
- Pots
- Pans
- Dishes
- Utensils

## Product

### Specifications:

- BOILING RANGE: NE
- SPECIFIC GRAVITY: (Water = 1) 1.04 ± .005
- VAPOR DENSITY: (Air = 1) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Clear Viscous liquid
- ODOR: Citrus
- PH RANGE: 7.2 ± .5

## Product Code & Pack Size

E6-6	6 Quarts/case
E6-G	4 Gallons/case

## General Description

A very high sudsing, naturally derived detergent made exclusively from replenishable natural resources. Use dishes, pots, pans and fine washables. Outstanding durability even in cold water. Will not redeposit food or soil on dishes. Very gentle on skin. Long lasting suds. Rinses freely.

## Directions of Use

**Directions:** Apply undiluted. Add a small amount to build desired suds while water is running. Wash dishes in customary manner and rinse with hot water.

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



## Uses:

- Cleaning Fruits & Vegetables
- Removing Surface Contaminants like people handling residue and waxes
- Eliminating Food Borne Bacteria
- Leaves no odor or flavor on produce

## Product

### Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY: (Water = 1) 1.10 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- VAPOR DENSITY: (Air = 1) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Moderate
- APPEARANCE: Green blue liquid
- ODOR: Natural Citrus Fragrance Added
- pH-Concentrate: 7.5 ± 0.5
- pH - In Use: 7.5 ± 0.5
- VOC: <0.5%

## Product Code & Pack Size

FIT-G	4 Gallons/Case
FIT-2	2 Gallons/Case
FITC-2	2 Gallons/Case

## General Description

Fit Fruit & Vegetable Wash is powered by a patented chemistry combining all natural surfactants and organic acids. It is a highly concentrated solutions and the liquid is diluted at a rate of 7.8 ml per liter. The natural surfactants in Fit enable it to thrive in dirty water conditions, which remain active and hence FIT is more effective than oxidizers which deactivate in the presence of high soil or organic loads.

Simple pH monitoring equipment is all that is required to ensure the Fit solution stays in the proper pH activity range. At the proper dilution in clean water, the pH of the system will be approximately 3.2. The upper limit of the pH activity range is 3.5, and the monitoring process should be set up to add more Fit when the pH of the solution reaches this limit.

Fit will remain active much longer than traditional oxidizers. This offers processors the opportunity to significantly reduce costs with respect to the amount of water used, and also the amount of energy required to cool the water (where applicable). The surfactant chemistry in Fit helps suspend the soil load in the wash water, and results in cleaner wash water for a greater length of time.

## Directions of Use

Prepare a solution at 128:1 dilution (1 oz per gallon of water). Submerge fruits and vegetables in solution, agitating gently. Soak for 30 seconds, strain then rinse.

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

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### Uses:

- Food processing & cutting surfaces
- Wood
- Plastic
- Drain basins
- Slop sink surfaces
- Toilets
- Bathroom sinks
- Showers

### Product Code & Pack Size

E35-5	5 Gallon Pail
E35-2	2 Gallons/case

## General Description

Much safer than Chlorine Bleach based alternatives, this product is specifically formulated to remove tough stains from food processing & cutting surfaces, including wood and plastic.

## Directions of Use

1. Remove all gross food residue from surface.
2. Rinse surface completely.
3. Apply product liberally over surfaces to be whitened.
4. Allow to dwell for as long as possible, ideally overnight, 1 hour minimum.
5. Scrub surface with aggressive scrub brush.
6. Rinse completely with clear water.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

# E-33 PEROXIDE

Technical Data and Training Sheet



## Uses:

-Laundry: all colors & fabrics

## Product

### Specifications:

- BOILING RANGE: 212°F
- SPECIFIC GRAVITY: (Water = 1) 0.95 ± .05
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Moderate
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Clear Viscous liquid
- ODOR: NA
- pH-Concentrate: NA
- VOC: 0%

### Product Code & Pack Size

E33-5	5 Gallon Pail
E33-G	4 Gallons/case

## General Description

Safer than chlorine bleach. Can be used on all laundry. Works in all temperatures. SAFE for all colors and fabrics. Safe for septic tanks.

## Directions of Use

Put E-33 Liquid Bleach in water before adding clothes. Use in warm or cold water. Use 1/4 to 1/2 cup per load. Adjust by using more or less depending on personal need.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

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# E-90 SCRUB

Technical Data and Training Sheet



## Uses:

- Ovens
- Grills
- Pots
- Pans
- Steam Tables
- Sinks

## Product

### Specifications:

- BOILING RANGE: ND
- SPECIFIC GRAVITY: (Water = 1) ND
- VAPOR PRESSURE: ND
- VAPOR DENSITY: (Air = 1) >1
- SOLUBILITY IN WATER: Soluble
- EVAPORATION RATE: Slower than Butyl Acetate
- APPEARANCE: Viscous, Grey Color
- ODOR: Extremely Mild to none
- PH RANGE: 8.8 ± .05

## Product Code & Pack Size

E90-6	6 Quarts/case
-------	---------------

## General Description

EZ Scrub is a free-rinsing, degreasing & cleansing scrub. It quickly and easily removes all types of grease, oils and grime from hard surfaces in food service operations & bathrooms without leaving a messy residue. EZ Scrub is 100% non-toxic and non-fuming & can be used even while cooking. An excellent cleaner/degreaser for caramelized, baked on grease. Does not contain bleach or acid. EZ Scrub has almost no odor and is very gentle on hands.

## Directions of Use

Ready To Use, super concentrated formulation. Use a dime-size amount and work gel in using a sponge, scrubbing pad or brush. Test the solution before using to ensure desired results. Product may scratch soft surfaces. Rinse or wipe clean for a polished shine. For severe conditions, allow EZ Scrub to stand a few minutes before & after scouring.

Pots, Pans, Steam Tables, Sinks, etc: Apply gel directly to surface, work in with scrubbing pad, wipe or rinse clean.

Ovens: Allow oven to cool before use. Apply gel, let stand for 10 minutes, scour clean with pad or scrubber, wipe or rinse clean.

Grills: Brush EZ Scrub onto grill, allow to stand for 10 minutes, scrub with pad, wipe or rinse clean.

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients Contains no preservatives.

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# GMLD concentrate

Technical Data and Training Sheet



## Uses:

Institutional ware-washing machines

## Product Specifications:

- Chemical Composition    Soil emulsifiers, conditioners, alkalinity builders and buffers
- Appearance                    Amber Liquid
- pH of 1% solution            9.9
- Solubility                        Controlled and Complete
- Foaming                         None
- Wetting                         Excellent

## Product Code & Pack Size

GMLD-55	55 Gallon Drum
GMLD-5	5 Gallon Pail
GMLD-G	4 Gallons/Case
GMLDC-2	2 Gallons/Case
GMLDC-2.5	2.5 Gallon Jug

## General Description

Green Machine Liquid Detergent is an environmentally preferable, liquid heavy duty machine warewashing compound. All ingredients are DFE approved.

GMLD is readily biodegradable contains no phosphates, no chlorine, no sodium hydroxide, no metasilicates and zero nonyl phenols. The use solution has a pH below 10.0. GMLD is dye and fragrance free. GMLD provides clean ware and sparkling glasses under heavy soil load conditions in hard water, when used at normal warewashing concentrations. GMLD gives you the concentrated performance of a solid and the ease of dispensing, previously associated only with liquids. GMLD will deliver sparkling ware with one pass through the dishmachine. GMLD can be used in any dishmachine for washing all types of china, tableware, and glassware.

## Directions of Use

Use only with automated pump injection system. The actual use concentration is determined by the individual operating conditions. For optimum results, install the injection fitting as far back in the line from the rinse jets as possible. This allows thorough mixing of GMLD with the water supply before it emerges from the jets. If product contacts hands, wash off immediately.

## Environmental Information

This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



## General Description

The Green Machine Warewashing Program is an environmentally preferable line of solid and liquid detergents and rinse aids for commercial kitchens. Green Machine products are readily biodegradable and contain no phosphates, no chlorine, no sodium hydroxide, no metasilicates and zero nonyl phenols. They are dye and fragrance free.

Green Machine products provide clean wares and sparkling glasses under heavy soil load conditions in hard water, when used at normal warewashing concentrations. They can be used in any dishmachine for washing all types of china, tableware, and glassware.

## Uses:

-Warewashing, including china, tableware and glassware

## Product

### Specifications:

- Chemical composition Organic, nonionic wetting agents, hard water conditioners
- Appearance Clear liquid
- pH 7.0
- Specific Gravity 1.188 (9.9 pounds per gallon)
- Odor Not residual
- Foam Acts as a mild suppressant
- Wetting Ability Instant, complete

## Product Code & Pack Size

GMLR-5	5 Gallon Pail
GMLR-G	4 Gallons/case

## Directions of Use

GMLR is recommended for use at concentrations between a minimum of 150 ppm (1:6,667) and a maximum of 330 ppm (1:3,333). Under ideal operating conditions, consisting of low water hardness and low dissolved solids, GMLR can be used at concentrations as low as 50 ppm (1:20,000). The actual use concentration is determined by the individual operating conditions. For optimum results, install the rinse injection fitting as far back in the line from the rinse jets as possible. This allows thorough mixing of GMLR with the water supply before it emerges from the final rinse jets.

Final rinse temperature should be maintained as close to the 180 OF (82 OC) minimum as possible, and should not exceed 190 OF (87 OC) in any case. Check the final rinse pressure and set at manufacturer's recommended level. Also, inspect final rinse for spray atomization. Adjust the rinse injector to feed GMLR at the required concentration to achieve the rapid sheeting of water from the ware.

## Environmental Information

**Non Toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

# GMLS Low Temp Sanitizer (LTS)



## Available Packaging:

- GMLS-G – 4 x 1 Gallon Case
- GMLS-5 - 5 Gal Plastic Pail

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



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## Description

LTS is a sodium hypochlorite based sanitizer providing sanitation in dishmachines used in commercial and institutional foodservice operations. LTS is a buffered (high level of free alkali) product which enhances its stability when compared to other chlorine products. Chlorine content aids in stain removal on plastic and china tableware. The chlorine content also provides soil removal in wash cycle. LTS is safe for use on stainless steel, glass, china, porcelain and plastic. Not recommended for use on sterling silver, silver plate or other corrodible soft metals.

## Properties:

Chemical composition . . . . .	Buffered sodium hypochlorite
Appearance . . . . .	Clear yellow liquid
pH . . . . .	12.4
pH of 1% solution . . . . .	9.4
Specific Gravity . . . . .	1.104 (9.16 lbs/gal)
Caustic . . . . .	Present
Solubility . . . . .	Complete and Fast
Available Chlorine . . . . .	6% (600 ppm in 1% solution)
Stability . . . . .	180 days @ Ambient Temperature
Metal Safety:	Not safe for use on corrodible soft metals

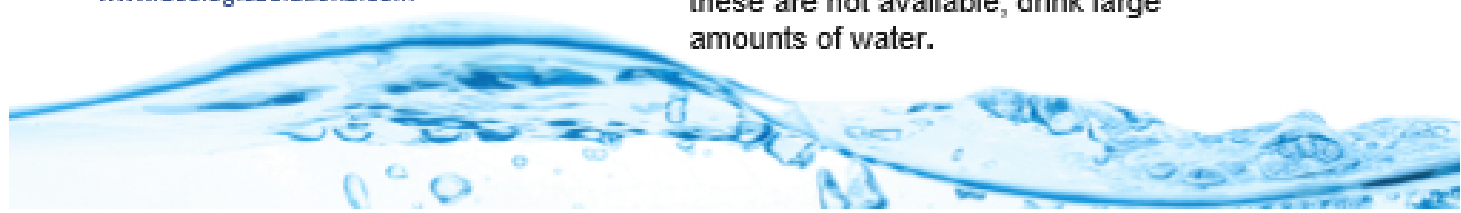
## Instructions For Use:

### LOW TEMPERATURE DISHMACHINE SANITIZER:

To be automatically injected during beginning of "final rinse" portion of machine operating cycle. Use approximately 4 to 7 cc's per gallon of water to achieve a level of approximately 50 to 100 ppm available chlorine as measured with Chlorine Test Kit. Consult local sanitation regulations for specific requirements.

## Handling Precautions

**WARNING: KEEP OUT OF REACH OF CHILDREN.** Contains chlorine. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult a physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water.





## General Description

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. This solid contains no hydroxides, phosphates (STPP), chlorine or nitrilotriacetate (NTA). Solid Mechanical Detergent rinses quickly and is suited for use with newer, short-cycle dish machines. Provides excellent scale inhibiting properties. Can be used in both low temperature and high temperature dish washing applications. Safe for use on all surfaces! Approved by the EPA's Safer Choice program.

## Directions of Use

Remove cap from the container and invert canister so that open surface is pointing downward into the bowl dispenser. Do not get product on hands or into eyes. Turn machine on so that water will feed the dispenser unit and dissolve product into the dish washing machine. For consistent feeding of product, it is suggested that cold or warm water be used to dissolve product and suggested water feed temperature not to exceed 140°F.

Dish machine wash tank water will yield maximum results when the wash temperature is maintained at 145-155°F. If the water temperatures are too low, fat soils are not softened and cleaning efficiency will decrease. If water is too hot, soils may become flash dried to the kitchenware, thus making it more difficult to remove.

## Environmental Information

**Non toxic:** This product is free of ammonia & butyl ether or aerosols. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances

### Uses:

-Warewashing, including china, tableware, and glassware

### Product Specifications:

- |                    |           |
|--------------------|-----------|
| • Form             | Solid     |
| • Color            | White     |
| • Scent            | Bland     |
| • Biodegradable    | Yes       |
| • Rinsability      | Excellent |
| • pH (1% solution) | <11.5     |

### Product Code & Pack Size

GMSD	4 Capsules/case
------	-----------------





**Uses:**

-Warewashing, including china, tableware, and glassware

**Product**

**Specifications:**

- |                    |          |
|--------------------|----------|
| • Form             | Solid    |
| • Color            | Green    |
| • Scent            | None     |
| • Foam             | Low      |
| • Phosphated       | No       |
| • pH (1% solution) | 9.7-11.0 |

**Product Code & Pack Size**

GMSP	2 Capsules/case
------	-----------------

**General Description**

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. This unique solid product provides effective and economical presoaking of kitchenware and cuts down wasted product. Our dual purpose product is also effective in detarnishing silver! Enzyme fortified to quickly soften the toughest food soils from kitchenware and flatware prior to mechanical washing. For use on flatware, silverware, pots, pans, utensils, and many other kitchen items. Safe on soft metals. Works in all water conditions. Does not contain phosphates or NTA. Shipping container has an easy lift handle for placing jar into dispenser. Approved by the EPA's Design for the Environment Program (DfE).

**Directions of Use**

This product should be dispensed only from equipment designed specifically to handle solid capsule detergents. Remove cap and place inverted capsule into bowl unit. Set the detergent timer to flush an adequate amount of water to flush against block and flow into presoak tub/tray. For consistent feeding of product, it is suggested that cold or warm water is used to dissolve product. Typical usage is 1/2 to 1 ounce per 3 gallons of water. Fill the remainder of the soak pan with warm water. Place flatware into pan and allow soaking until soils have been loosened. **For detarnishing, place a piece of aluminum foil to cover bottom surface of soaking tray.** Rack flatware and rinse with water from sink to remove excess detergent, and then wash as usual in mechanical washer. For pots and pans that require extra soaking, direct detergent solution into sink and fill with warm to hot water. Place pots and pans into sink and allow soaking until the soils can be easily removed.

**Environmental Information**

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



[epa.gov/saferchoice](http://epa.gov/saferchoice)



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### Uses:

- Dish machines
- Kitchen equipment with hard water build up
- Toilets
- Bathroom fixtures

### Product

#### Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY: (Water = 1) 1.21 ± .02
- VAPOR DENSITY: (Air = 1) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Moderate
- APPEARANCE: Dark Amber liquid
- ODOR: Mild Citrus
- pH – In Use: 4.5 ± 0.5
- VOC:<50 mg/L

### Product Code & Pack Size

E4-5	5 gallon pail
E4-G	4 Gallons/case

## General Description

Acidic, yet containing no traditional acids, this non-hazardous & non polluting blend of advanced surfactants and a patented acid replacement system is specifically formulated to remove lime & scale build up and deposits from hard water in dish machines and on bathroom and toilet fixtures.

## Directions of Use

**FOR TOILET BOWL CLEANING:** Squirt 2 to 4 ounces around the inside of the toilet rim allowing product to thoroughly coat sides. Allow to stand for 10 to 20 minutes. Scrub thoroughly and flush. For heavy encrustations allow to stand as long as possible.

**FOR DISH MACHINE DELIMING:** Add full strength to machine filled with fresh water at the rate of 2 to 6 ounces per gallon of water depending on level of build-up. Spray extreme buildup areas with full strength product and scrub with nylon scrubberpad. Cycle machine for 15 minutes or until clean. Drain machine tank and rinse thoroughly. Wipe down/rinse machine exterior with fresh water or neutral cleaner. Safe to use this product on machine exterior and other kitchen equipment that experience hard water build up, always rinse after using.

## Environmental Information

**Low Toxicity:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients that quickly break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

**DISPOSICION:** Ceden usado/producto no deseado segun regulaciones de estatales y locales.



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## Uses:

-Deicer

## Product

### Specifications:

- BOILING RANGE: >93.33°C
- FREEZE POINT: -70°F
- SPECIFIC GRAVITY: (Water = 1) 1.26 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- VAPOR DENSITY: (Air = 1) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- SOLUBILITY IN SOLVENT: Moderate
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Clear liquid
- ODOR: N/A
- pH-Concentrate: 9.5 ± 0.5
- VOC: 0%
- VISCOSITY: 0cp's

### Product Code & Pack Size

AIM-5	5 Gallon Pail
AIM-G	4 Gallons/case

## General Description

Alpine Ice Melt is a practical and easy to handle solution that works longer and better than magnesium. It is clear and odorless. Alpine Ice Melt will not corrode application equipment or surfaces.

## Directions of Use

**Directions & Dilutions:** Apply Alpine Ice Melt with any type of sprayer unit such as a hand, garden tractor, or truck.

Alpine Ice-Melt should be applied prior to storm. Just one half gallon of ice melt can be used to cover 1,000 square feet.

## Environmental Information

**Non Toxic:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens.

**Readily Biodegradable:** This product is made using only readily biodegradable ingredients.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

# X-SPONGE

Technical Data and Training Sheet



## General Description

X-SPONGE removes permanent marker, crayon, scuffmarks and grime from walls, baseboards, counters, tile and flooring. Made of super dense micro-fiber there is no need for added chemicals. Just wipe away stains. Easy to use and chemical free.

## Directions of Use

Dampen X-SPONGE with water and wipe away writing and scuffmarks. Gently rub stubborn marks until they disappear.

## Uses:

- removes permanent marker, crayon, scuffmarks and grime from walls, baseboards, counters, tile and flooring.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

## Product Code & Pack Size

XSP-12	12 Sponges/case
--------	-----------------



This product meets the Green Seal™ environmental standard for industrial and institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

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## Uses:

- Graffiti & paint removal
- Crayon, permanent pen & ink removal
- Use on brick, glass, mirrors, concrete, metal and painted wood

## Product

### Specifications:

- SPECIFIC GRAVITY: (Water = 1) .786
- VAPOR PRESSURE AT 20C: (MM of HG) ND
- SOLUBILITY IN WATER: Not Soluble
- EVAPORATION RATE: <1 (1=Butyl Acetate)
- APPEARANCE: Milky Orange Color
- ODOR: Citrus
- PH of Concentrate: None
- VOC: <40g/l

### Product Code & Pack Size

E49-6	6 Quarts/case
E49-G	4 Gallons/case

## General Description

E-49 Graffiti Remover is made from soy oil at a super concentrated level. The soy formula can be used quickly and effectively for an institution's greatest challenges. E-49 replaces some of the most hazardous chemicals found in any custodian's closet, such as mineral spirits, perchloroethylene, acids, petroleum distillates or propellants. The formula is designed to be safe, non-toxic and readily biodegradable, but should always be used in a well ventilated area.

## Directions of Use

Directions: This product is Ready To Use for effective removal of graffiti and paint from almost any surface-glass, brick, concrete, metal and painted wood. Shake contents for at least one minute prior to application and occasionally during use. Apply an even, liberal coat of the product to area. In some cases, allow some time to set. If surface is smooth, use cloth or softbrush, then flush with water. If surface is rough (concrete, brick or stone), use a stiff brush to loosen the sludge formed after application, then flush with high pressure water and let dry. Before disposal, wash rags in soapy water and let dry in a well ventilated area. Paint residue/soaked rags can cause spontaneous combustion if not handled properly. For best results, apply at temperatures between 45 and 90 degrees Fahrenheit.

## Environmental Information

**Non-Toxic:** This product is free of perchloroethylene, mineral spirits, petroleum distillates, butyl ether, or acids.

**Biodegradable:** Readily breaks down into harmless, natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives. Mild Skin & Eye irritant.**

# E-42 SOLVENT

Technical Data and Training Sheet



## Uses:

Metal, Stainless Steel, Most Fabrics, Ceramics, Stone, Fiberglass, Porcelain, Most Cured Paints, Brick/Block, Skin and Hair, Most Plastics, Concrete, Glass, Wood, Metal & Fiber-Clad Laminates, Formica, Portland

## Product

### Specifications:

- SPECIFIC GRAVITY: (Water = 1) .786
- VAPOR PRESSURE AT 20C: (MM of HG) ND
- VAPOR DENSITY: (Air = 1) >1
- SOLUBILITY IN WATER: Not Soluble
- EVAPORATION RATE: <1 (1=Butyl Acetate)
- APPEARANCE: Milky Orange Color
- ODOR: Citrus
- PH of Concentrate: None
- VOC: <40g/l

### Product Code & Pack Size

E42-6	6 Quarts/case
E42-G	4 Gallons/case

## General Description

Effectively removes oily, sticky, gooey, waxy problems from virtually any surface with ease! Revolutionary formula requires no soap after-rinse! Simply rinse with water! Use on skin, hair, scuff marks, washable fabric and more! Safe, biodegradable, 100% Organic, Non-toxic!

## Directions of Use

**DO NOT DILUTE - USE FULL STRENGTH.**

### GENERAL USE

Apply to problem area and let work 20-30 sec. Wipe clean with water.

### SKIN & HAIR

Apply directly to the problem area, working gently to remove gum, grease, tar, etc. Rinse with water. (For hair: Shampoo and rinse as normal)

### CARPET & UPHOLSTERY

**IMPORTANT:** May not be compatible with all carpet. For best results extract with a wet/dry vac. Do not use on rubber backed rugs. Do not apply directly to carpet or upholstery or wet carpet backing. Apply to clean cloth. Gently blot problem area until removed. Rinse with water. Blot dry with clean cloth or paper towel.

**ADHESIVE RESIDUE ON HARD SURFACES** (Stickers, decals, etc)

Apply directly to sticker, allowing 30-60 seconds to release adhesive. Rinse with water. (Repeat if necessary)

### CHEWING GUM

Pierce gum to allow penetration and apply directly to problem area working gently. Scrape or comb out gum. Rinse with water.

**NOT RECOMMENDED FOR:** Uncoated wallpaper, suede, leather, "washable" or other silk, rubber, appliques.

## Environmental Information

**Non Toxic:** Non Toxic: This product is free of petroleum distillates, butyl ether, aerosols or perchloroethylene. It contains no known or suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

# E-11 FURNITURE

Technical Data and Training Sheet



## Uses:

- Wood
- Furniture
- Upholstery
- Leather/Fake Leather
- Vinyl
- Chrome
- Stainless Steel

## Product

### Specifications:

- BOILING RANGE: ND
- SPECIFIC GRAVITY: (Water = 1) .999 ± .2%
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: ND
- APPEARANCE: Milky liquid
- ODOR: Lemon
- PH RANGE: 7.9 ± .5

### Product Code & Pack Size

E11-6	6 Quarts/case
E11-G	4 Gallons/case

## General Description

A highly effective cleaner and polish all in one. Formulation is designed to repel dust and fingerprints from surface. 100% non toxic & non-hazardous formula that restores hard surfaces. Product does not contain petroleum distillates, aerosols, synthetic fragrances, zinc or formaldehyde. Product has multiple uses for wood, furniture, and metals such as stainless steel and chrome.

## Directions of Use

**Directions & Dilutions:** Spray surface to be cleaned and polished or spray directly onto clean cloth or rag. Work onto surface, cleaning and buffing at the same time. MAY BE DILUTED 3:1. Best results are at 100% strength. Dusting, Polishing, Cleaning all Wood, Waxed and Protected Surfaces including Stainless Steel and Chrome. NOT for Use on Floors- may make too slippery. Ready to Use

## Environmental Information

**Environmental Information:** Non Toxic: This product is free of petroleum distillates, butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**

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# N-8 TOILET

Technical Data and Training Sheet



## Uses:

-Toilet bowls

## Product

### Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY: (Water = 1) 1.10 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Clear liquid
- ODOR: Natural Citrus Fragrance Added
- pH-Concentrate: 3.5 ± 0.5
- pH - In Use: 4.0 ± 0.5
- VOC: <1%

### Product Code & Pack Size

N8-6	6 Quarts/case
N8-G	4 Gallons/case

## General Description

A naturally derived cleaner made primarily from replenishable natural resource. Rapidly cleans and removes soap scum, lime, scale, body oils, deposits from shower walls and doors, sinks, ceramic tile, fiberglass, vinyl, porcelain and stainless steel. Deodorizes as it cleans. Outperforms traditional cleaners, other naturally derived cleaners and homemade products. and oil.

## Directions of Use

Not for use on marble or natural stone. Squirt 2 to 4 ounces around the inside of the toilet rim allowing product to thoroughly coat sides. Allow to stand for 10 to 20 minutes. Swab or scrub bowl and flush. For heavy encrustations, leave product in bowl over night.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**



# Botanical Disinfectant

EPA Reg. No. 87742-1- 86492  
EPA Est. No. 14322-NY-01

**Broad Spectrum Disinfectant**  
**Can be Fogged in a Cold (ULV)**  
**Fogger**

**No Health Warnings, No Rinsing,**  
**No Personal Protective**  
**Equipment (PPE) Required**



**Non-Flammable, Non-Combustible,**  
**Non-Corrosive**  
**OSHA Compliant For BBP**

## SaniThyme Natural Disinfectant Cleaner

Ecologic Solutions SaniThyme® Natural Disinfectant Cleaner is made from a patented technology of essential oils especially chosen to deliver proven efficacy of highly effective disinfection, cleaning and deodorizing. Ideal for disinfecting hard surfaces (wood, metal, plastic, PVC) such as floors, counters, cutting boards, garbage cans, toilet seats, showers, bathtubs, sinks, diaper pails, patio tables, toys, athletic gear or all other surfaces on which bacteria, fungus and viruses can multiply. For use on hard non porous surfaces where food is fabricated, prepared or kept, in health care establishments and for domestic use.

## Recommended Uses

Ecologic Solutions SaniThyme® can be used in hospitals, nursing homes, nurseries, day care centers, medical offices, institutional facilities, schools, military installations, athletic facilities, public areas, ambulances, institutional kitchens, cafeterias, restaurants, food processing plants, public restrooms, hotels and motels, garbage and refuse centers, correctional facilities, shower and bath areas, zoos and farms (Livestock; dairy; fruits; and vegetables)

## Available Pack Sizes

ST-6	6 Quarts/Case
ST-G	4 Gallons/Case

## ACTIVE INGREDIENT:

Thymol (a component of thyme oil) ..... 0.23%  
Other Ingredients ..... 99.77%  
Total ..... 100.00%

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**Uses:**

-Deep fat fryer

**Product**

**Specifications:**

- Form Powder
- Color White
- Scent N/A
- Solubility Rapid
- pH (1% solution) 12.2-12.4

**Product Code & Pack Size**

GMFC	2 Containers/case
------	-------------------

**General Description**

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. Removes stubborn soils that form on the inside of deep fat fryer cleaners. Helps rid fryers of unpleasant odors that can affect the taste of fried foods. By keeping fryer clean, less energy is needed to keep oil hot since the heating elements are not covered with dried soils.

**Directions of Use**

Turn fryer off and drain shortening. Close all valves. Fill fryer with water and slowly add 2-4 oz. of product per gallon of water. Do not add cleaner to hot or boiling water. Set temperature control on fryer to 212° and bring solution to a boil. Maintain a simmering boil for 10-30 minutes, depending on condition of fry pot. Do not bring to a hard boil as the solution could boil over the sides. Use a heat resistant brush to clean heavy build-up. Do not use a wire brush as it may scratch the fryer walls and possibly damage the heat exchangers. To clean fry baskets, simply immerse them into the boil-out solution. When finished, SHUT OFF FRYER, drain solution and fill fry pot with a water & vinegar solution. Use at least ¼ cup vinegar per each gallon of water. Thoroughly rinse fry pot with solution and brush down, if necessary. Drain solution and rinse again with clean water. Dry fry pot thoroughly before refilling with shortening.

**Environmental Information**

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.



# N-53 Powdered Oxygen Cleaner



## Uses

- Tile & Grout
- Mold & Mildew removal

## Technical Data

Form..... Powder  
Color..... White  
Scent ..... None  
Solubility ..... Complete  
pH (1% solution)..... 10.0-11.0  
Phosphated .....Yes

## Pack Size

2x8lb Canisters



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www.ecologicsolutions.com

## Description

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. A granulated, oxygen releasing compound formulated to provide fast, safe destaining power on tableware, utensils, microwave cookware, plastic ware, vacuum containers, coffee and tea urns, and percolators. Removes the toughest coffee and tea stains. Keeps tableware looking new.

## Directions

**FOR PLASTIC, CHINA:** Fill soak tank or sink with hot water and dissolve 1-2 ounces per gallon of water. Add tableware to solution making sure all tableware is completely submerged. Soak until stains loosen and disappear. Rinse thoroughly when finished.

**FOR COFFEE, TEA URNS:** Fill urn with hot water and dissolve 2-4 ounces per gallon of water. Allow to soak until stains are removed (may take as long as 2 hours). Tough deposits may require agitation with a brush. Rinse urn thoroughly when finished.

**LAUNDRY DESTAINING:** Dissolve 1-2 ounces per gallon of warm water. Add linens and allow soaking for at least 30 minutes. Drain and wash as usual.

## Cautions

Contains sodium percarbonate. Do not ingest or allow contact with skin or eyes. If ingested: Drink plenty of water and get medical attention immediately. Do not induce vomiting unless instructed by a physician to do so. Never give fluids to an unconscious person. In case of eye contact:

If contacts are worn, remove and dispose of them, then raise eyelids and flush eyes with clear water for 15 minutes making sure to flush under eyelids. Get medical attention immediately. In case of skin contact: Remove contaminated clothing. Flush skin areas with clear water, then wash with a mild soap. If irritation occurs, get medical attention. In case of inhalation: Move victim to fresh air. Get medical advice. Refer to your Material Safety Data Sheet for additional cautions and handling procedures.



# N-2000 LAUNDRY

Technical Data and Training Sheet



## Uses:

- White fabrics
- Bright & color fabrics
- Hand-washables
- Stain remover

## Product

### Specifications:

- BOILING RANGE: 100°C
- SPECIFIC GRAVITY: (Water = 1) 1.10 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Equivalent to water
- SOLUBILITY IN WATER: Infinite
- EVAPORATION RATE: Equivalent to water
- APPEARANCE: Clear Viscous liquid
- ODOR: Lavender
- pH RANGE: 6.5 – 8.5

### Product Code & Pack Size

N2000-5	5 Gallon Pail
N2000-G	4 Gallons/case

## General Description

A non-phosphate, low sudsing, super concentrated laundry detergent and softener, derived primarily from replenishable natural resources. Does not contain any hazardous ingredients as per OSHA, nor any petroleum distillates, caustics or synthetic fragrances. All ingredients will rapidly biodegrade and are not harmful to septic systems and waste water. Specially formulated to be non-irritating to sensitive skin. Cleans, brightens, destains, and deodorizes.

## Directions of Use

This Detergent & Softener is super concentrated and is low sudsing. You do NOT need suds to clean. It is a detergent and softener in one. It is safe enough for hand-washables and can be used as a stain remover when applied directly to stain on item. Use only 1 to 2 oz. per 20 pounds of laundry that is normally soiled. Use 3 oz. for heavily soiled.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**

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# C-8 STRIP

Technical Data and Training Sheet



## Uses:

- Waxed Floors
- Marble
- Terrazzo
- Limestone
- Painted Concrete Floors

## Product

### Specifications:

- Color Clear
- Odor Mild
- Solubility in Water Complete
- Density 8.34 lbs./gal.
- Specific Gravity 0.987
- pH (ASTM E70) 11.0 – 11.4
- VOC (40 CFR 59.203(f)1) 0%

### Product Code & Pack Size

C8-5	5 Gallon Pail
C8-G	4 Gallons/case
C8-Q	12 Quarts/case

## General Description

An alkaline, water dilutable, extreme duty stripper/cleaner. Replaces corrosive, caustic, ammoniated and butyl based strippers that can instantly burn skin or permanently damage internal organs.

## Directions of Use

Directions: Remove all furniture from the area. Sweep floor and tape off areas that should not be in contact with stripper solution. Flood floor with stripper solution and allow to soak for five minutes. Do not allow solution to dry on floor. (If it does dry, add more solution.) Mop, scrub, or machine scrub floor with an abrasive black pad or nylon-grit brush. Pick-up spent solution with a wet-dry vac. Damp mop floor with a clean mop and clear water. Let floor dry for at least 45 mins before applying seal of finish.

### Dilutions:

- Per gallon of water
- Topcoating 8oz.
- 1 or 2 layers of wax or finish 16 - 24oz.
- 2 layers of wax or of sealer 24 - 32oz.
- Extreme build-ups & baseboard 48 - 64oz.

## Environmental Information

**Low Toxicity:** This product is free of petroleum distillates, butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

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# PERACETIC ACID

Technical Data and Training Sheet



## General Description

- Broad spectrum oxidizing biocide
- No halogenated by-products or THM's
- Unaffected by ammonia or many other nitrogen-based chemistries
- Compatible with common organic scale and corrosion inhibitors
- Optimum performance below pH 8.6, but effective up to pH 9.5
- Lowers alkalinity to allow higher cycles of concentration than hypochlorite
- Safe for discharge to land or for surface irrigation
- Does not contribute conductivity or TDS
- Effective against algae and slime as low as 1-2 ppm
- Biodegradable and organic
- Multiple analysis / monitoring options available
- Second only to ozone in oxidizing strength

## Uses:

- Produce wash
- Sanitizer

## Product

## Specifications:

- Appearance: Clear colorless liquid
- Odor: Vinegar odor
- pH: <1 (1:10)
- Melting/Freezing point: No information available
- Initial boiling point and boiling range: No information available
- Flash Point: 200o F / 93 o C
- Flammability (solid, gas): Non flammable
- Vapor Pressure (mm Hg): 22
- Specific gravity: 1.12 g/mL

## Product Code & Pack Size

PAA-2	2 Gallons/Case
PAA-5	5 Gallons/Case

## Directions of Use

- 1) Fill wash bin or sink to desired level of PAA using provided dispenser
- 2) Test for proper concentration using PAA test strips. For whole produce, concentration should be 100 PPM or lower. For cut produce, concentration should be 80 PPM or lower.
- 3) Submerge produce and soak for 30-180 seconds.
- 4) Remove produce from solution and let air dry. Do not rinse.

## Environmental Information

**Non Toxic:** This product is free of petroleum distillates butyl ether, aerosols, or perchloroethylene. It contains no known suspected carcinogens or petroleum products.

**Biodegradable:** This product is made using readily biodegradable ingredients that break down into harmless natural substances

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

# E-53 BUFF

Technical Data and Training Sheet



## Uses:

- Floor Finish Maintenance
- Floor Mopping
- Automatic Floor Scrubber

## Product

### Specifications:

- BOILING RANGE: 212°C
- SPECIFIC GRAVITY: (Water = 1) 1.035 ± .02
- VAPOR PRESSURE AT 20C: (MM of HG) Not Determined
- SOLUBILITY IN WATER: Complete
- EVAPORATION RATE: Slower than n-Butyl Acetate
- APPEARANCE: White milky liquid
- ODOR: Typical Acrylic odor
- pH-Concentrate: 8 ± 0.5
- VOC:<5%

### Product Code & Pack Size

E53-6	6 Quarts/Case
E53-Q	12 Quarts/Case
E53-G	4 Gallons/Case

## General Description

E-53 Spray Buff is free of zinc, butyl ether and formaldehyde and is lower in ammonia and silicone than the vast majority of finishes available. This pleasant smelling product is highly detergent resistant, extremely reflective and is more durable than most metal-interlocked compounds. This product is better for the environment, among the highest gloss finishes and is one of the most durable in the world.

## Directions of Use

### REGULAR MAINTENANCE

A. Completely remove all furniture and other loose items from the area to be stripped. B. Use a putty knife to remove gum, labels and stickers. C. Sweep floor with a fine bristle brush or dust mop. D. Spray mist a small amount of spray buff ahead of your high speed floor machine and burnish until dry and shiny. E. Dust floor after burnishing. F. Replace furniture.

### BETWEEN BUFFINGS

A. Remove stickers, gum labels and dust mop daily as necessary. B. Dampmop with spray buff diluted 1 to 2 oz per gallon of water as needed (dilute with 63 parts water if using an automatic scrubber).

## Environmental Information

**Non Toxic:** This product is free of phosphates & butyl ether. It contains no known or suspected carcinogens.

**Biodegradable:** All ingredients are readily biodegradable and break down into harmless natural substances.

**Cruelty Free:** Contains no ingredients tested on or from animals.

**Contains no preservatives.**

**EcoLogicSolutions**  
clean without compromise

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# C-12 FINISH

Technical Data and Training Sheet



## Uses:

- Waxed Floors
- Marble
- Terrazzo
- Limestone
- (painted) Concrete Floors
- Spray & Wipe Cleaning
- Plastics
- Walls
- Power Washing
- Dusting
- Furniture
- Automotive Interiors
- Vinyl
- Carpet Extraction

## Product Code & Pack Size

C12-5	5 gallon pail
C12-G	4x1 gallon case

## General Description

A high quality, versatile, zinc-free acrylic co-polymer floor finish. Easy to use, easy to repair, good durability and high gloss. GREEN SEAL™ CERTIFIED under the GS-40 standard for industrial and institutional floor-care products. This environmentally responsible finish dries to a high shine without buffing. Non-powdering C12 Floor Sealer & Finish is scuff, scratch & slip resistant and is unaffected by detergents. Resilient surfaces can be both spray buffed and high speed burnished.

## Directions of Use

1. Strip all old floor finish or wax, rinse thoroughly and allow floor to dry.
2. Apply 1-2 coats of C-12 Floor Sealer & Finish with mop or applicator to produce a long lasting and durable shine.
3. Allow 30-45 minutes drying time between coats, depending on ambient humidity.
4. To maintain high gloss, surface can be spray buffed or high speed burnished.

## Environmental Information

**NON TOXIC:** This product contains no petroleum distillates, butyl ether, aerosols or perchloroethylene.

**DISPOSAL:** Dispose of unused/unwanted product according to state and local regulations.

**DISPOSICION:** Ceden usado/producto no deseado segun regulaciones de estatales y locales.



This product meets the Green Seal™ environmental standard for Industrial and Institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.

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