



ROYALAB



PRODUCT GUIDE AND CATALOG



Royal Papers is a family owned business with years of experience. Our top priority is your success. We offer the most diverse range of products, support, and training of anyone in our industry. For our highly-tenured team, it's not just about what we sell, but working with our customers to ensure they are using the right products, the right way, for the right reasons, all with the best results in mind.

Exceeding your expectations is our goal. Royal offers the tools you need to do the job, but also the knowledge, expertise, and service to ensure you can do it well. We think the best way to help our customers toward a perfect solution is starting with industry standards and customizing from there.

Since 1948 Royal has been providing solutions for our customers' unique needs and challenges. Now you can visit our RoyalLab Cleaning Solutions Super Center to experience these results first hand.

GUARANTEE: The RoyalLab chemical line proudly guarantees uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within 6 months of the date of purchase. Use product as directed and read all precautionary statements.

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Hand Care



Germ Away *Anti-bacterial Hand Soap*



A thick antiseptic hand soap that effectively removes bacteria with normal use and is enhanced with emollients for softer, smoother hands. Contains PCMX, effective against common disease-causing germs. For dispensers in restaurants, office buildings, and school restrooms.

Color: **Orange** | Fragrance: **Clean** | pH Range: **7.0 - 9.0** | Dilution: **RTU**

RL1060-1.....1 Gallon (4 per Case)

Restroom Care



Tile & Tub *Mold & Mildew Stain Remover*

This product is a highly effective mold and mildew stain remover. Pleasantly scented, this product will leave surfaces clean and fresh smelling. Safer than using straight bleach, it can be used anywhere mold and mildew stains present a problem. This product is convenient, easy and ready to use for making short work of tough cleaning.

Color: **Straw** | Fragrance: **Clean** | pH Range: **12.5 - 13.0** | Dilution: **RTU**

RL2005-12.....12 / 1 Quart

Acid Bowl Clean *Clinging Bowl Cleaner*

This product removes scale, rust, algae, and calcium deposits from bathtubs, wash basins, drinking fountains, tile, porcelain, and swimming pools. This product keeps fixtures sparkling, cleans urinals quickly and safely, gives off no odors or fumes, and is harmless to septic tanks when used as directed.

Color: **Dark Blue** | Fragrance: **Mint** | pH Range: **< 1** | Dilution: **RTU**

RL2010-12.....12 / 1 Quart



Bath & Bowl NA Disinfectant, Cleaner, Mildewstat, Fungicide

This product is an EPA registered disinfectant, cleaner, mildewstat, fungicide, virucide, and deodorizer. This product is for use in hospitals, dental offices, schools, and restaurants. No mixing or rinsing is required. Effective against *Aspergillus niger* and *Trichophyton mentagrophytes*.

Color: **Blue** | Fragrance: **Fresh** | pH Range: **6.0 - 9.0** | Dilution: **RTU**

RL2000-12.....12 / 1 Quart

Pine Clean Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide

This product is an EPA registered one-step germicidal disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing, and controlling mold and mildew on hard, non-porous surfaces. This product cleans quickly by removing dirt, grime, mold, mildew, food residue, body oils and other organic matter.

Color: **Brown** | Fragrance: **Pine** | pH Range: **7.5 - 8.0** | Dilution: **4.0 oz / gal**

RL2055-1.....1 Gallon (4 per Case)

Altima Disinfectant, Cleaner and Deodorizer

This product is an EPA registered one-step disinfectant, cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous surfaces. Effective as an animal premise disinfectant virucide, killing canine Parvovirus. Cost effective. Will not harm floor finishes.

Color: **Yellow** | Fragrance: **Lemon** | pH Range: **7.5 - 8.0** | Dilution: **2.0 oz / gal**

RL6608.....1 Gallon (4 per Case) | RL6608-15.....15 Gallons | RL6608-55.....55 Gallons

Altima Disinfectant, Cleaner and Deodorizer (Fragrance and Dye Free)

This product is an EPA registered one-step disinfectant, cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous surfaces. Effective as an animal premise disinfectant virucide, killing canine Parvovirus. Cost effective. Will not harm floor finishes.

Color: **None** | Fragrance: **None** | pH Range: **7.5 - 8.0** | Dilution: **2.0 oz / gal**

RL6609.....1 Gallon (4 per Case)



Pro Wipe Cleaner / Degreaser RTU

A super strength multi-purpose cleaner degreaser that removes grease, mildew, soap scum, wax, and other soils from most water washable surfaces. Use on kitchen tile, stoves, ovens, filters, fiberglass, tubs, showers, porcelain, and chrome, on automotive engines, sidewall tires, vinyl, floor mats, and as a spotter on colorfast upholstery.

Color: **Yellow** | Fragrance: **Lemon** | pH Range: **12.0 - 12.5** | Dilution: **RTU**

RL3005-12.....12 / 1 Quart

See Clear Ammoniated Glass+ Cleaner

An ammoniated, multi-purpose utility cleaner designed to clean glass and virtually all hard surfaces. Dries quickly and without streaking. This product is dustless, wax-free, and ready for use in all weather. Removes accumulated grease, grime, and other soil without leaving a dulling film.

Color: **Light Blue** | Fragrance: **Pleasant** | pH Range: **10.75 - 11.0** | Dilution: **RTU**

RL3000-12.....12 / 1 Quart | **RL3000-1.....1 Gallon (4 per Case)**



Industrial

Blast Off All Purpose Cleaner / Degreaser

An all purpose, butyl-based cleaner and degreaser concentrate that easily removes particulate and oily soils from virtually any washable surface. This product is an ideal product when rinsing is not feasible and is low foaming so it works great in automatic floor scrubbing machines. Soft metal safe, this product can be used as a coil cleaner. No rinsing is necessary.

Color: **Purple** | Fragrance: **Sassafras** | pH Range: **12.5 - 13.0** | Dilution: **1 - 20 oz. / gal.**

RL3050-1.....1 Gallon (4 per Case) | **RL3050-5.....5 Gallons**

Spray 66 All Purpose Cleaner / Degreaser

If you had to choose one product for all your cleaning needs, this remarkable product would be it. Its formidable agents go to work immediately on all common soils, including grease, oil, wax, gum, dirt, dye, ink, soap, tallow and carbon. This product is non-toxic, non-corrosive and it prevents rust.

Color: **Blue** | Fragrance: **Characteristic** | pH Range: **13.0 - 13.5** | Dilution: **2 - 32 oz. / gal.**

RL6700-1.....1 Gallon (4 per Case)

Purple Max All Purpose Degreaser Concentrate

This product is a powerful industrial strength cleaner for big jobs. Low foaming action makes it ideal for automatic scrubbers, pressure washers, steam cleaners and mop or sponge and bucket applications. Properly diluted, it becomes an excellent spray and wipe cleaner. *Do NOT allow to dry on glass — may etch.*

Color: **Purple** | Fragrance: **None** | pH Range: **13.5 - 14.0** | Dilution: **2 - 32 oz. / gal.**

RL6706-1.....1 Gallon (4 per Case)

Spot Off Professional Spot & Stain Remover

This product is a water based stain remover that easily removes tough spots from carpet, laundry, and upholstery. It is effective against a wide variety of water based and oil based stains, and easily removes pet stains, cosmetics, washable ink, mildew, and many other stains.

Color: **Blue** | Fragrance: **None** | pH Range: **9.4 - 9.9** | Dilution: **RTU**

RL4060-12.....12 / 1 Quart

Defoamer Silicone Emulsion Defoaming Agent

This product is for use in carpet extraction machines and autoscrubbers. It is a highly concentrated silicone emulsion defoamer for use in a wide range of institutional, industrial, and janitorial foaming problems. It quickly and effectively destroys bubbles and foam on contact.

Color: **White** | Fragrance: **None** | pH Range: **8.0 - 8.5** | Dilution: **2.5 - 5 oz/gal**

RL4065-1.....1 Gallon (4 per Case)



Extract All Carpet Cleaner Concentrate

This product is a concentrated carpet cleaner for use in extraction cleaners. It penetrates carpet and loosens soils quickly so that they are vacuumed into the extraction machine. Formulated with a very pleasant fresh fragrance, this product eliminates odors to leave carpet smelling clean.

Color: **Straw** | Fragrance: **Fresh** | pH Range: **10.5 - 11.0** | Dilution: **1/2 oz / gal**

RL4050-1.....1 Gallon (4 per Case)

Rinse Away Carpet Extraction Rinse

This product is a mild acid that removes browning and most tannin stains, neutralizes alkaline residues, and serves as a complete acid spotter. The controlled wetting rate, low foaming properties, and deep cleaning action make the product suitable for use in conjunction with all types of extraction machines or bonnet rotary brush carpet cleaning operations.

Color: **Yellow-Brown** | Fragrance: **None** | pH Range: **1.5 - 2.0** | Dilution: **0.2 - 1.0 oz / gal**

RL4055-1.....1 Gallon (4 per Case)

Dura Shine *High Gloss Floor Finish*

This product offers high off-the-mop gloss in as little as 3-5 coats. Utilizing the latest polymer technology, this product is extremely durable and reduces maintenance by controlling scuffing and scratching. This product fits non-buff and spray buff programs. Recommended for use on vinyl, vinyl composition, and other resilient floors.

Color: **White** | Fragrance: **Characteristic** | pH Range: **8.0 - 8.5** | Dilution: **RTU** | Coverage: **2000 sq. ft. / gal**
RL5000-1.....1 Gallon (4 per Case) | RL5000-2.5.....2.5 Gallon (2 per Case) | RL5000-5.....5 Gallon

Mega Shine *25% Floor Finish*

This product is designed for the professional floor crew that needs a finish that will require fewer coats and still give the high gloss demanded in today's markets. Using a special polymer-resin-wax ratio, it provides superior initial gloss with unsurpassed durability. As few as two coats are needed for most applications. The finish dries to a clear film that will not yellow over time.

Color: **White** | Fragrance: **Characteristic** | pH Range: **8.0 - 8.5** | Dilution: **RTU** | Coverage: **2000 sq. ft. / gal**
RL5005-1.....1 Gallon (4 per Case) | RL5005-2.5.....2.5 Gallon (2 per Case) | RL5005-5.....5 Gallon

Power Strip *Floor Finish Stripper & Liquefier*

The most effective floor finish emulsifier ever developed. Will solubilize aged and built-up finishes almost instantly. May be used as a no-scrub stripper or with a conventional floor machine and pad depending on the concentration of the product and the condition of the floor.

Color: **Colorless** | Fragrance: **None** | pH Range: **13.5 - 14.0** | Dilution: **8.0 - 64 oz/gal** | Coverage: **200 sq. ft. / diluted gallon**
RL5010-1.....1 Gallon (4 per Case) | RL5010-2.5.....2.5 Gallon (2 per Case) | RL5010-5.....5 Gallon

Neutral Clean *Lavender All-Purpose Cleaner*

This deodorizing neutral cleaner is recommended for all washable non-porous hard surfaces including floors, walls, restroom surfaces, concrete, ceramic and porcelain, metal, vinyl, formica and plastic. Deodorizes with a lingering lavender fragrance. This non-filming product requires no rinse.

Color: **Purple** | Fragrance: **Lavender** | pH Range: **6.0 - 6.5** | Dilution: **1 - 3 oz. / gal.**
RL5015-1.....1 Gallon (4 per Case)

Acidic Clean *Neutralizing Acid Cleaner*

A true neutralizing cleaner for use in damp mop, bonnet clean or spray and wipe applications. This product doesn't merely tie up salts and hard water ions in solution, it eliminates them without leaving a film or residue.

Color: **Green** | Fragrance: **Lime** | pH Range: **2.5 - 3.0** | Dilution: **1 - 3 oz. / gal.**
RL5020-1.....1 Gallon (4 per Case)



Citra Clean O2 *Cleaner and Degreaser*

An EcoLogo certified, readily biodegradable neutral cleaner with environmentally preferable ingredients—no alcohols or phosphates. Cleans, whitens and deodorizes most surfaces, like floors, walls, upholstery, and stainless steel.

Color: **Clear / Colorless** | Fragrance: **Orange** | pH Range: **5.5 - 6.0** | Dilution: **1/2 - 10 oz. / gal.**

RL9000-1.....1 Gallon (4 per Case)

Dishwashing Presoak

Soak & Shine *Flatware Presoak*

This product chemically removes every hint of tarnish without abrasives or wear. Even ornate patterns are as easy to clean as plain unadorned pieces. This double-duty product is an effective soak for softening food soils on flatware prior to machine processing and helps remove egg yolk, cheese, dried catsup and other sticky food residues.

Color: **Blue** | Fragrance: **None Added** | pH Range: **12.0 - 12.5** | Dilution: **1 - 2 oz. / gal.**

RL6604.....4 / 1 Gallon

Solid Silver *Silver & Stainless Presoak*

This product is a super effective presoak in the dish pantry where flatware rejects are a major problem. It quickly penetrates, emulsifies and lifts dried egg yolk, cheese and other difficult-to-remove proteins from flatware. This product “destains”—it does NOT remove the surface layer of metal. *Use only in APPROVED DISPENSERS.*

Color: **Blue** | Fragrance: **None Added** | pH Range: **11.0 - 11.5** | Dilution: **0.5 - 1 oz. / gal.**

RL6603.....2 / 8 Pounds

Silver Soak *Tarnish Remover*

This product takes all the work out of detarnishing silver. It never allows any loss of silver because it removes only the tarnish. The odorless, blue powder helps soften and loosen tough, “stuck-on” soils from flatware and utensils, virtually eliminating the rejection rate for treated items.

Color: **Light Blue** | Fragrance: **None Added** | pH Range: **11.5 - 12.0** | Dilution: **1 oz./gal.**

RL6605.....4 / 8 Pounds



ATD All Temp Machine Detergent

A high quality liquid designed for top performance in commercial dishwashing machines using a "low temperature" final rinse with a chlorine additive for sanitizing. This all temperature detergent provides excellent grease removal and rinsing characteristics which will produce "ONE PASS" dishwashing results, even under difficult operating conditions.

Color: **Clear / Colorless** | Fragrance: **None** | pH Range: **13.0 - 13.5** | Yield: **757+ racks / gal.**

RL6000.....4 / 1 Gallon | RL6000-5.....5 Gallons

Power 2 High Performance Machine Detergent

Excellent for use in high or low temperature commercial dishwashing machines; heavily fortified with alkaline builders, soil emulsifiers, water conditioning and antiredeposition agents, plus special destaining ingredients for unsurpassed results on glassware, silverware, coffee cups, etc. Not recommended for use on aluminum and other soft metals.

Color: **White Powder** | Fragrance: **Chlorine** | pH Range: **13.5 - 14.0** | Yield: **3400+ racks / cs.**

RL6001.....4 / 8 Pounds



Choice Liquid Dishmachine Detergent

This product is our finest liquid, all temperature, non-chlorinated machine warewashing detergent. No other liquid available features such dish cleaning power and water hardness control. Although this product is non-chlorinated, it cleans so well that corrosive chlorine is unnecessary, saving your machine!

Color: **Clear** | Fragrance: **None** | pH Range: **13.5 - 14.0** | Yield: **757+ racks / gal.**

RL6002.....4 / 1 Gallons

Solid Safe Metal Safe Solid Detergent

This product is super concentrated and rivals powders and liquids for economical end use. Its specially buffered alkaline system yields maximum cleaning without harming aluminum, pewter, copper or other alkaline sensitive metals. Also excellent for plasticware.

Color: **White** | Fragrance: **None** | pH Range: **12.5 - 13.0** | Yield: **3400+ racks / cs.**

RL6003.....4 / 8 Pounds

Royal Power Solid Dishmachine Detergent

This product is a concentrated alkaline cleaner, with multi-purpose water conditioning agents and corrosion inhibitors. This combination cleans the dirtiest dishes—dried egg yolk and baked on cheese. It destains tea and coffee cups, promotes machine skimming action, prevents lime and scale build-up in wash arms, spray jets, racks and chains. *Use only in APPROVED DISPENSERS.*

Color: **White** | Fragrance: **None** | pH Range: **12.5 - 13.0** | Yield: **3400+ racks / cs.**

RL6004.....4 / 8 Pounds

Super Pink *Pink Liquid Pot & Pan Soap*

This economical pink lotion detergent should be the most used cleaning item in fine restaurants, private clubs, schools, hospitals and many other places. Instant acting suds cut soil fast. Stubborn food residue, such as milk, rings on glasses, egg and other proteins, oil on dishes, even carbonized grease and oil on pots and pans dissolves fast and floats away.

Color: **Pink** | Fragrance: **Floral Rose** | pH Range: **7.0 - 7.7** | Dilution: **0.25 - 0.5 oz. / gal.**

RL6600.....4 / 1 Gallon | RL6600-5.....5 Gallons

BluFome *High Performance Pot & Pan Cleaner*

This product's fast-acting, high-powered suds penetrate deep into stubborn food, grease and carbon residues to dissolve and float them away. Eliminates spotting thanks to ingredients which do not react to water's calcium and magnesium salts. One rinse and your dishes and silverware, pots and pans air dry to a gleam. Gentle on hands because it contains emollients which soften skin.

Color: **Blue** | Fragrance: **Floral** | pH Range: **7.0 - 8.0** | Dilution: **0.15-0.35 oz. / gal.**

RL6601.....4 / 1 Gallon | RL6601-5.....5 Gallons

Solid Pink *Pot & Pan Detergent*

This product is a super concentrated, grease emulsifying solid detergent containing safe, non-corrosive detergents and water conditioners. Aluminum stays bright and unpitted. Plastics maintain their original glaze longer, which helps prevent staining. The already mild formula contains emollients to protect skin.

Color: **Pink** | Fragrance: **Citrus** | pH Range: **7.0 - 7.5** | Yield: **2304+ gallons / cs.**

RL6602.....2 / 6 Pounds

Enviro Blue *Pot & Pan Detergent*

This product is designed to be friendly to the environment while maintaining performance to cut grease, dried-on-food and other hard to remove substances from pots, pans, dishes and silverware. Complete spot-free cleaning eliminates the need for hand drying. This product is approved by Safer Choice.

Color: **Blue** | Fragrance: **Fruity** | pH Range: **6.5 - 7.0** | Dilution: **0.25 oz. / gal.**

RL6606.....4 / 1 Gallon



LTR *Heavy Duty Lo-Temp Rinse Additive*

A premium quality rinse additive/drying agent formulated for use in low temperature commercial dishwashing machines. This product helps eliminate water spotting and produces fast drying of machine washed items. Eliminates the need for towel drying (a health code violation in most areas) which is time consuming, costly and contributes to dish breakage.

Color: **Blue** | Fragrance: **None** | pH Range: **8.0 - 8.5** | Yield: **1261+ racks / gal.**

RL6200.....4 / 1 Gallon | RL6200-5.....5 Gallons

Premium Rinse *Heavy Duty Drying Agent*

A premium heavy duty rinse additive / drying agent formulated for use in high temperature commercial dishwashing machines. This product helps eliminate water spotting and produces fast drying of machine washed items. Eliminates the need for towel drying which is time consuming, costly, risks dish breakage, and is a health code violation in most areas.

Color: **Blue** | Fragrance: **None** | pH Range: **7.0 - 8.0** | Yield: **1261+ racks / gal.**

RL6201.....4 / 1 Gallon | RL6201-5.....5 Gallons

Rinse Aid *Heavy Duty Rinse Aid*

This special concentrated rinse additive has been formulated for plastics and general use in the rinse cycle of low temperature (chemical sanitizer) commercial dishwashing machines, converted hot dishwashing machines and dishwashers whose rinse water cannot be maintained at 180°F. It allows thorough and complete rinsing of all plastics, dishes, glasses, pots and pans, silverware and other utensils.

Color: **Pink** | Fragrance: **None** | pH Range: **8.0 - 8.5** | Yield: **1261+ racks / gal.**

Soft Spot *Rinse Additive*

This product is a concentrated formula for use with automatic rinse injectors in dishwashing machines. It will prevent water spotting of dishes, glassware and silverware when air dried after final rinse. This product is stable at high temperature usage conditions and is compatible with both chlorine and quaternary ammonium products.

Color: **Blue** | Fragrance: **None** | pH Range: **3.0 - 3.5** | Yield: **1261+ racks / gal.**

RL6203.....4 / 1 Gallon



LTS Available Chlorine 5.25%

This product is an EPA registered, concentrated sanitizer for automatic dispensing equipment, and is designed to release chlorine in low temperature commercial dishwashing machine solutions, providing consistent chlorine concentrations for each cycle. Kills harmful bacteria and aids in destaining. For use in food and processing plants, restaurants, hotels, and hospitals.

Color: **Straw** | Fragrance: **Chlorine** | pH Range: **12.5 - 13.0** | Yield: **700+ racks / gal.**
RL6300.....4 / 1 Gallon | RL6300-5.....5 Gallons

Sanitizer-R Food Contact Sanitizer

This product is an EPA registered sanitizer for use on hard, non-porous surfaces in public eating places and food processing equipment, as well as for utensils, dishes, and glassware in restaurants and bars. Excellent for sanitizing, cost effective, free rinsing, and does not promote spotting on glass.

Color: **Red** | Fragrance: **None** | pH Range: **6.5 - 7.0** | Dilution: **0.25 oz. / gal.**
RL6301.....4 / 1 Gallon

Liquid Pexchlor Sodium Hypochlorite....10.00%

This product is an EPA registered, highly dilutable, automatically dispensed warewash sanitizer that is effective in all temperatures and aids in destaining. Eliminates need for high-temperature sanitizing and ensures accurate, consistent use levels. This product is for use in food processing plants, commercial laundries, water treatment applications, restaurants, hotels, hospitals.

Color: **Straw** | Fragrance: **Chlorine** | pH Range: **12.5 - 13.0** | Dilution: **5 oz./gal. (100 ppm) See Chart for other dilution rates.**
RL6302.....4 / 1 Gallons



Delimer HD *Heavy Duty Acid Delimer Detergent*

Provides rapid penetrations and dissolving action upon lime scale, rust, oxidation, hard water scum and mineral deposits. Ideal for periodic deliming of commercial dishwashing machines or for removal of mineral deposit buildup upon steam tables and other foodservice equipment and utensils. Contains a synergistic acid blend which works faster and safer than standard lime scale solvents. Low fuming.

Color: **Light Brown** | Fragrance: **None** | pH Range: **< 1.0** | Dilution: **0.5 - 4 oz. / gal.**

Hotsy Totsy *Oven Cleaner / Degreaser*

This product makes the most disagreeable kitchen chore — oven cleaning — almost pleasant. This dynamite product can be used for cleaning ovens, of course, and grills, broilers, oven racks, burners, barbeque equipment, institutional griddles and stove tops. It is safe to use on stainless steel, baked-on porcelain, enamel, ceramic and glass surfaces.

Color: **Orange** | Fragrance: **Sassafras** | pH Range: **13.5 - 14.0** | Dilution: **RTU**

RL6701.....12 / 1 Quart

Dissolve *Heavy Duty Oven Cleaner*

This versatile, easy-to-use, spray-on oven cleaner quickly removes carbonized grease, fat, protein, and carbohydrate deposits. Cleans the usual kitchen surfaces (ovens, stove burners, grills, griddles, deep fryers) and oily machinery, conveyor belts, ducts, grease trap, etc. The dense, stable foam clings to vertical surfaces, penetrates and loosens burnt-on or heavily encrusted accumulations.

Color: **Red** | Fragrance: **Neutral** | pH Range: **13.2** | Dilution: **RTU**

RL6704-1..... 1 Gallon (4 per Case)

Traction *Kitchen Tile Floor Cleaner*

This product penetrates and lifts grease and oil from quarry tile, concrete and other hard surfaces. This product was specially formulated for cleaning the kinds of grease found in food preparation areas. This product is especially useful where high volume production creates the need for on-going clean up.

Color: **Clear** | Fragrance: **Mint** | pH Range: **1.5 - 2.0** | Dilution: **1 - 8 oz. / gal.**

RL6702.....4 / 1 Gallon

Pipeline *Active Bacterial Treatment for Drains & Grease Traps*

This product is a safe, bioactive blend which attacks organic solids such as greases, fats, proteins, and carbohydrates, destroying malodors at their source. For use in grease traps, septic systems, drain lines, refuse containers, and all areas where organic solids cause malodors.

Color: **Red** | Fragrance: **Cherry** | pH Range: **7.0 - 7.5** | Dilution: **RTU or 2 - 12 oz./day**

RL6703-5.....5 Gallons

Frykleen *Fryer Boil-Out Powder*

This product is a powerful alkaline powder containing an excellent synergistic system for the removal of heavily carbonized soils from food cooking and smoking equipment. Powerful, economical formula is great for "baked-on" kitchen applications, and is easily rinsed away.

Color: **Blue** | Fragrance: **None** | pH Range: **12.5 - 13.0** | Dilution: **1 - 8 oz./gal.**

RL6707.....1 / 8 Pound



Ultra Suds *Non-Built Laundry Detergent*

This product is a mild, yet concentrated non-built detergent designed for use in commercial washers to launder institutional and industrial linen. Easily dispensed automatically, this product may also be used as a spotter and presoak to remove a wide variety of stains and spots.

Color: **Green** | Fragrance: **Citrus** | pH Range: **7.0 - 8.0** | Yield: **Up to 128 loads / gal.**

RL7000.....2 / 2.5 Gallons | RL7000-15.....15 Gallons

Ultra Clean *Built Laundry Detergent*

This product is a built laundry detergent designed for washing institutional and industrial linen in commercial washing machines. It is NOT recommended for household use due to its high alkaline strength. At economical use levels it removes tough soils found in hotels, nursing homes, hospitals and industrial plants.

Color: **Purple** | Fragrance: **Citrus** | pH Range: **13.5 - 14.0** | Yield: **Up to 64 loads / gal.**

RL7001.....2 / 2.5 Gallons

Rally *Low Temperature Laundry Detergent*

This product provides the power needed to attain total stain removal, overall whiteness, brightness, and is hypoallergenic. It can be applied directly to fabric to remove difficult spots and stains. Great for synthetic, no-iron and wrinkle resistant fabrics. Rally is ideal for shirt laundries and removes ring-around-the collar oily dirt completely. This product is not just for low temperature laundry conditions.

Color: **Clear** | Fragrance: **Slight Alcohol** | pH Range: **6.5 - 7.0** | Yield: **Up to 128 loads / gal.**

RL7002.....4 / 1 Gallon | RL7002-5.....5 Gallons | RL7002-15.....15 Gallons | RL7002-55.....55 Gallons

Whirl HD *Citrus Laundry Detergent & Prespotter*

This product is versatile, works efficiently in all water temperatures, and it is safe for use in all types of washing machines including those with porcelain drums. Because it is fortified with organic citrus solvents, it works aggressively to dissolve even the heaviest soils, yet it will not harm most fabrics and is gentle enough for hand laundering.

Color: **Green** | Fragrance: **Citrus** | pH Range: **10.0 - 10.5** | Yield: **Up to 640 loads / pail**

RL7003-5.....5 Gallons

Triple Play *All-In-One Laundry Solid*

A "one-shot" product with detergent, bleach and softeners that work superbly in low water temperatures. This built surfactant contains a blend of buffered alkalis, mild detergents and water-conditioning agents. Ideal for towels, sheets and pillowcases in hotel/motel laundries and retirement centers.

Color: **White** | Fragrance: **Baby Powder** | pH Range: **9.5 - 10.0** | Yield: **Up to 1000 loads / cs.**

RL7700.....4 / 5 Pounds

Powdered Laundry Detergent

This product is a powdered laundry detergent that is suitable for use in High Efficiency washing machines.

Color: **White** | Fragrance: **Citrus** | pH Range: **10.0 - 11.0** | Dilution: **0.25 - 0.75 cup / 50 lb. fabric**

RL7005-50.....50 Pounds

Ultra Soft *Fabric Softener & Neutralizer*

This product has been formulated to soften and reduce the pH of institutional and industrial linen in the final rinse of commercial washers. It leaves fabric soft, supple, static-free and fresh smelling. It contains a "maintenance" level of iron control to prevent yellowing when using chlorine bleach and iron is present in the water.

Color: **Blue** | Fragrance: **Floral** | pH Range: **0.5 - 1.0** | Yield: **Up to 128 loads / gal.**
RL7500.....2 / 2.5 Gallons | RL7500 -15.....15 Gallons

Versatile *Fabric Softener Concentrate*

This product is an EPA registered, concentrated formulation designed for use in commercial and institutional laundry operations by addition to the final rinse cycle. The residual self-santizing activity reduces the number of odor causing bacteria from wet contamination. Easily dispensed, reduces wrinkling and static electricity, and improves ironing time.

Color: **White** | Fragrance: **None** | pH Range: **4.5 - 5.0** | Dilution: **5 - 20 oz. / 100 lb. fabric**
RL7501.....4 / 1 Gallon



Oxy Color Safe Laundry Bleach

This bleach contains a concentrated blend of oxygen bleaching agents specifically designed for use on colored and synthetic fabrics. The mildness of this bleach permits it to be added to the laundry during the filling operation or during the bleach operation. It is also safe for use with enzyme presoaks and regular laundry detergents. Contains no Phosphorous.

Color: **Colorless** | Fragrance: **None** | pH Range: **5.0 - 5.5** | Yield: **Up to 128 loads / gal.**

RL7301.....4 / 1 Gallon | RL7301-5.....5 Gallons | RL7301-15.....15 Gallons

Oxy Max Oxygenated Powder Destainer

This bleach is a blue, free-flowing powder with a clean "fresh" scent that provides excellent destaining properties. Safe for use on all colors of all washable fabrics, it leaves no residue and does not reduce tensile strength with accidental overuse. Special activators provide superior results in all temperatures, making colors brighter and whites whiter.

Color: **Blue** | Fragrance: **Fresh** | pH Range: **10.5 - 11.0** | Yield: **Up to 800 loads / pail**

RL7303-50.....50 Pounds

MultiChlor Laundry Chlorine Destainer

This product is a powerful hypochlorite bleach for washing white or colorfast linen in commercial washing machines. With minimal use of product per load, whites and colorfast linen stay bright and stain-free. Easily dispensed automatically, helps remove proteins and starches to aid in stain removal.

Color: **Straw** | Fragrance: **Chlorine** | pH Range: **12.0 - 12.5** | Yield: **Up to 128 loads / gal.**

RL7300.....2 / 2.5 Gallons | RL7300-15.....15 Gallons



Laundry Neutralizers



Ultra Sour Neutralizer & Rust Remover

This product is a powerful pH reducer and rust remover for institutional linen processed in commercial washers. When used properly, "ironer scorch" is completely eliminated and the "yellowing" often encountered with even small amounts of iron in water is prevented. Linen lasts longer when using this product, since hard water build-up is controlled.

Color: **Clear** | Fragrance: **None** | pH Range: **0.5 - 1.0** | Yield: **Up to 128 loads / gal.**

RL7400.....2 / 2.5 Gallons | RL7400 -15.....15 Gallons | RL7400 -55.....55 Gallons

Laundry Boosters



Ultra Break Alkaline Laundry Booster

This product is a powerful alkali/water softener designed to boost the cleaning power of any detergent including our ULTRA SUDS, RALLY and WHIRL HD. As it's name implies, it breaks soil away from fabric so that the detergent can remove it easily. It's special water softeners also assist in cleaning and rinsing and keeps your machine scale-free.

Color: **Clear** | Fragrance: **None** | pH Range: **13.0 - 14.0** | Yield: **Up to 128 loads / gal.**

RL7100.....2 / 2.5 Gallons | RL7100-15.....15 Gallons

Laundry Specialty



Sizing Laundry Starch

A liquid sizing starch for use in commercial laundries. Highly concentrated for economical use. Adds stiffness and body to fabrics while protecting fabrics from stains. Recommended for use on sheets, uniforms, table linens, shirts, and other cotton, polyester, or blended fabrics.

Color: **Milky White** | Fragrance: **Bland** | pH Range: **8.0 - 8.5** | Yield: **Up to 640 loads / pail**

RL7800-5.....5 Gallons



Helpful Tips

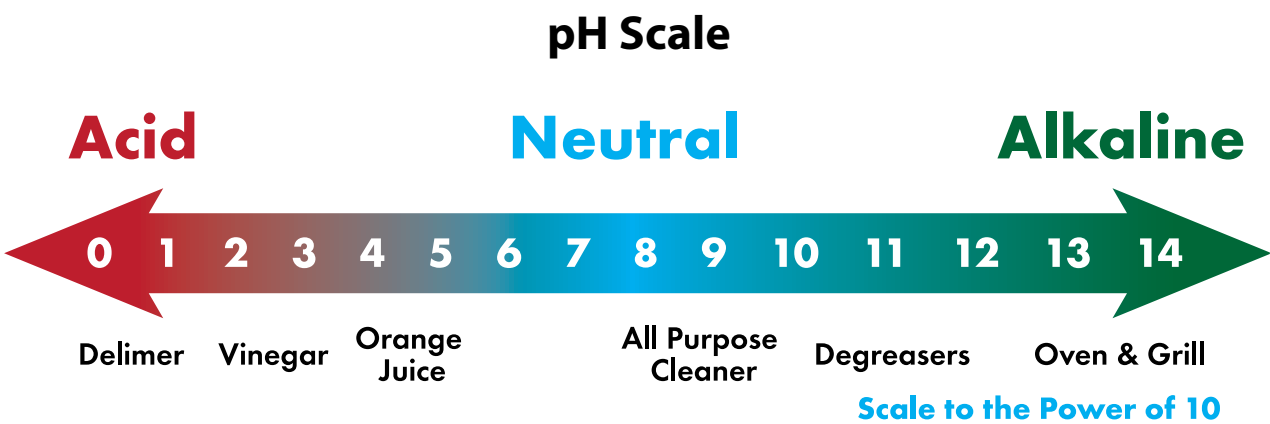
Dilution Ratio Chart

128 ounces = 1 gallon

1:512 = ¼ oz. per gallon	1: 21 = 6 oz. per gallon
1:256 = ½ oz. per gallon	1: 18 = 7 oz. per gallon
1:128 = 1 oz. per gallon	1: 16 = 8 oz. per gallon
1: 64 = 2 oz. per gallon	1: 13 = 10 oz. per gallon
1: 43 = 3 oz. per gallon	1: 10 = 13 oz. per gallon
1: 32 = 4 oz. per gallon	1: 8 = 16 oz. per gallon
1: 25 = 5 oz. per gallon	1: 5 = 25 oz. per gallon

Calculating End Use Cost:

Determine the total useable gallons; *i.e.* 2 oz. per gal = 1:64 ratio = 65 total useable gallons
Divide the price per gallon by the total useable gallons = end use cost per gallon (4 quarts = 1 gallon)



STRIPPER PAIL ESTIMATOR					
	Sq Ft to Cover		Sq Ft/Pail		Pails Needed
Light		÷	3000	=	
Heavy		÷	2250	=	
To use chart, place number of sq ft to cover and divide by number of sq feet/pail. Example: 100,000 sq ft to cover divided by 3000 sq ft/pail for light stripping you will need 34 pails of stripper. <i>* This chart is based on average usages.</i>					

FINISH PAIL ESTIMATOR					
	Sq Ft to Cover		Sq Ft/Pail		Pails Needed
4 coats		÷	2500	=	
5 coats		÷	2000	=	
To use chart, place number of sq ft to cover and divide by number of sq feet/pail. Example: 100,000 sq ft to cover divided by 2500 sq feet/pail (for 4 coats) you will need 40 pails of finish. <i>* This chart is based on average usages.</i>					



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