



Cleaners Chemical Corp.

cleanerschemicalcorp.com



CLEANERS CHEMICAL CORP. provides directly or within our distributor network, high quality products, equipment and technical service to commercial, industrial, and institutional markets. We specialize in products for on-premise laundry, wet cleaning, ware washing, housekeeping and environmental control.

Powder Laundry



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CLEANERS No. 1

POWDERED ALKALI & DETERGENT BOOSTER

GENERAL DESCRIPTION:

CLEANERS No. 1 is a highly concentrated blend of heavy-duty alkaline builders and sequestering/soil suspending agents. No. 1 supplies additional power to release even the most difficult soil and grease stains. Once released from the fabric, the soil suspending agents prevent the soil from redepositing on the fabric. CLEANERS No. 1 may be used alone in a break cycle or in conjunction with CLEANERS No. 2 or 12, powdered citrus or liquid laundry detergents to give stain free results. It is specially formulated to be completely compatible with all other laundry products except detergents with enzymes. **DO NOT USE ON NATURAL SILK OR WOOL.**

DIRECTIONS FOR USE:

CLEANERS CHEMICAL No. 1 is specially formulated to be used with CLEANERS Detergents or in conjunction with laundry bleaches, both chlorine and oxygen, for a personally tailored laundry operation. This product should not be used where solution contact with aluminum will be made. For normal soils, use 4 to 8 ounces per hundred pounds of work. While CLEANERS No. 1 is completely soluble at all normal water temperatures, optimum soil release will be obtained in hot (140, to 180F) temperatures. Depending on soil and water conditions, a separated break cycle should be from 4 to 8 minutes in length.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Highly alkaline. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes for 15 minutes and consult 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. **DO NOT** induce vomiting. Obtain prompt medical attention. Consult Material Safety Data Sheet for further information on product acceptability.

PHYSICAL PROPERTIES:

Chemical Composition.....	Potassium based alkaline builders, buffering agents and cloth protectants, water conditioners, soil and grease emulsifiers.	
Appearance:.....	White Powder	
pH of 1% solution:.....	12.7	Stability:12 months @ Ambient Temperature
Penetration:	Immediate	Solubility: Complete and Fast
Biodegradable:	Yes	Foam: Low
Rinsing:	Complete	Total Alkalinity 25%

PACKAGING:..... 50 lb. plastic pail - 53 lbs. gross

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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CLEANERS No. 2

POWDERED CITRUS LAUNDRY DETERGENT

GENERAL DESCRIPTION:

CLEANERS No. 2 is a concentrated, highly alkaline laundry detergent containing a specific blend of soil emulsifying agents and advanced optical brighteners which provide superior results on all washable fabrics. Safe for synthetic and natural fibers, it removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. The product rinses quickly and completely, and is effective in all water hardness conditions and temperatures. CLEANERS No. 2 is biodegradable and contains a powerful blend of polycitronates for enhanced cleaning activity.

DIRECTIONS FOR USE:

CLEANERS No. 2 is dispensed directly from the re-sealable shipping container. For normal soils, use 8 to 12 ounces per hundred pounds of work. CLEANERS No. 2 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (110F to 140F) water for removing normal soil. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. Ideal for shirt laundering, compatible with builders and bleaches.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Alkaline powder. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning; Neutrally charged surfactants for effective hard water washing.

Appearance:.....	White Powder	pH of 1% solution:.....	10.4
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Pleasant
Stability:	6 months @ Ambient Temperature		

PACKAGING:..... 50 lb. plastic pail - 50 lbs. net 54 lbs. gross

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CLEANERS No. 3

Super Oxygen Bleach

GENERAL DESCRIPTION:

CLEANERS No. 3 is a concentrated color safe bleach for use in laundry applications where the de-staining power of active oxygen is desired and chlorine bleach cannot be used or may be undesirable. No. 3 has excellent whitening and stain removal properties. When used as directed, it is safe on all cottons, linens and synthetic fabrics. It is water activated, which means it can be used in any temperature. This feature makes it useful on khakis and some wetcleaning applications where low temperatures are a must.

DIRECTIONS FOR USE:

CLEANERS No. 3 Super Oxygen Bleach may be used either as a bleach in normal laundry operations or as a de-staining soak. **DO NOT USE ON NATURAL SILK, WOOL OR NYLON FIBERS.** Two to four ounces per fifty pounds of work is recommended. This product may be used along with any combination of detergent, break, or citrus degreaser, or by itself in a separate bleach cycle.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Contains sodium percarbonate. 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. Do not induce vomiting. Obtain prompt medical attention. Consult Material Safety Data Sheet for further information on product acceptability.

PHYSICAL PROPERTIES:

Chemical Composition:	Buffered activated sodium percarbonate	Appearance:.....White Powder
Penetration:	Immediate	SolubilityComplete and fast
Biodegradable:	Yes	
Rinsing	Complete	
Foam:	Mild	
Stability:	3 months @ Ambient Temperature	

PACKAGING:..... 50 lb. plastic pail - 50 lbs. net 53 lbs. gross

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CLEANERS No. 4

POWDERED LAUNDRY SOUR

GENERAL DESCRIPTION:

CLEANERS No. 4 is designed to completely neutralize linen being washed so that the pH of the finished product is within an acceptable range of the skin pH, thus preventing alkaline or acidic irritation to the skin. CLEANERS No. 4 reduces rejects by aiding in removing residual alkali and mineral deposits, such as lime and iron which cause graying and yellowing of linen..

DIRECTIONS FOR USE:

CLEANERS No. 4 should be added during the final rinse cycle of the formula with a 90 degree to 120 degree water temperature and a low water level. Using No. 4 at 2 to 4 ounces per hundred pounds of work will deliver the proper pH. A pH indicator may be used to check the correct level of sour for various loads. Different fabrics may require different levels of product. For example, towels retain more alkali than sheets and would require more sour. The optimum pH is 5.5 to 6.5

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Acidic powder. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:	Alkalinity neutralizing agents
Stability:	3 months @ Ambient Temperature
Appearance:	White Powder
pH of 1% solution:	3.4
pH:	2.1
Odor:	Pleasant
Penetration:	Immediate
Biodegradable:	Yes
Foam:	None

PACKAGING:..... 50 lb. plastic pail - 50 lbs. net 53 lbs. gross

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CLEANERS No. 5 Sparkle-Plus

Economy Enzyme / Oxygen Laundry Detergent

GENERAL DESCRIPTION:

CLEANERS No. 5 is an economical detergent containing enzymes and oxygen bleach.. Formulated to provide results on all washable fabrics, it is safe for most synthetic and natural fibers. No. 6 removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. It rinses quickly and completely, and is effective in all water hardness conditions and temperatures. CLEANERS No. 5 is biodegradable.

DIRECTIONS FOR USE:

For normal soils, use 8 to 12 ounces per hundred pounds of work. No. 5 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (120 – 140F) water during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. Ideal for shirt laundering.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning;
 Neutrally charged surfactant for effective hard water washing.

Appearance:.....	White Powder	pH of 1% solution:.....	10.9
Penetration:	Immediate	Wetting Ability:	Good
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Lemon
Stability:	12 months @ Ambient Temperature		

PACKAGING:..... 46 lb. box - 44 lbs. net

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CLEANERS No. 6

Econo-Zyme

Economy Enzyme / Oxygen Laundry Detergent

GENERAL DESCRIPTION:

CLEANERS No. 6 is an economical detergent containing enzymes and oxygen bleach.. Formulated with advanced optical brightness which provide superior great results on all washable fabrics, it is safe for synthetic and natural fibers. No. 6 removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. It rinses quickly and completely, and is effective in all water hardness conditions and temperatures. CLEANERS No. 6 is biodegradable.

DIRECTIONS FOR USE:

For normal soils, use 8 to 12 ounces per hundred pounds of work. No. 6 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (120 – 140F) water during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. Ideal for shirt laundering.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning;

Neutrally charged surfactants for effective hard water washing.

Appearance:.....	Brown Powder	pH of 1% solution:.....	9.5
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Pleasant
Stability:	6 months @ Ambient Temperature		

PACKAGING:..... 40 lb. box - 40 lbs. net 42 lbs. gross, 20 lb. box - 20 lbs. net 22 lbs. gross

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CLEANERS No. 7

POWDERED XHD LAUNDRY DETERGENT

GENERAL DESCRIPTION:

CLEANERS No. 7 is a concentrated, highly alkaline, highly caustic laundry detergent containing a specific blend of soil emulsifying agents. No. 7 is formulated with advanced optical brighteners which provide superior results on most washable fabrics. Not recommended for silk and wool. CLEANERS No. 7 removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. No. 7 rinses quickly and completely, is effective in all water hardness conditions and temperatures, and is biodegradable.

DIRECTIONS FOR USE:

For normal soils, use 8 to 16 ounces per hundred pounds of work. CLEANERS No. 7 is completely soluble in all normal water temperatures. For optimum release of normal soil, use in hot (140F to 150F) water. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. Ideal for shirt laundering.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Alkaline powder. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning;
 Neutrally charged surfactants for effective hard water washing.

Appearance:.....	Powder	pH of 1% solution:.....	12.7
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Pleasant
Stability:	6 months @ Ambient Temperature		

PACKAGING:..... 50 lb. plastic pail - 50 lbs. net 53 lbs. gross

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CLEANERS No. 8

Enzy - Clean

POWDERED LAUNDRY DETERGENT WITH ENZYMES AND OXYGEN

GENERAL DESCRIPTION:

CLEANERS No. 8, Enzy-Clean is a concentrated laundry detergent containing a specific blend of soil emulsifying agents, advanced enzymes, optical brighteners, and enhanced bleaching agents which provide superior results on all washable fabrics and is safe for synthetic and natural fibers. No. 8 removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. No. 8 rinses quickly and completely, is effective in all water hardness conditions and temperatures, and is biodegradable.

DIRECTIONS FOR USE:

No. 8 is dispensed directly from the re-sealable shipping container. For normal soils, use 8 to 12 ounces per hundred pounds of work. CLEANERS No. 8 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (140F) water for removing normal soils. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 12 to 20 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. This product is ideal for shirt laundering.

HANDLING PRECAUTIONS: WARNING: KEEP OUT OF REACH OF CHILDREN.

Alkaline powder. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning; Neutrally charged surfactants for effective hard water washing.

Appearance:.....	White Powder	pH of 1% solution:.....	10.5
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Pleasant
Stability:	6 months @ Ambient Temperature		

PACKAGING:..... 40 lb. plastic pail - 40 lbs. net 43 lbs. gross **CODE:.....**
 LEPPL40

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CLEANERS No. 9

Citra – Zyme [®]

POWDERED CITRUS LAUNDRY DETERGENT WITH ENZYMES AND OXYGEN

GENERAL DESCRIPTION:

CLEANERS No. 9 is a concentrated laundry detergent containing a specific blend of soil emulsifying agents, polycitronates, advanced enzymes, optical brighteners, and enhanced bleaching agents which provide superior results on all washable fabrics and is safe for synthetic and natural fibers. No. 9 removes stubborn soil and keeps it in suspension, preventing redeposition on fabric. It rinses quickly and completely, and is effective in all water hardness conditions and temperatures. No. 9 is biodegradable.

DIRECTIONS FOR USE:

No. 9 is dispensed directly from the re-sealable shipping container. For normal soils, use 8 to 12 ounces per hundred pounds of work. CLEANERS No. 9 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (120 – 140F) water for removing normal soils. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 15 - 20 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. This product is ideal for shirt laundering and may not require souring depending on water conditions

HANDLING PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Alkaline powder. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult 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. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Soil suspending & rinsing agents; Mineral sequestering agents for hard water conditioning; Neutrally charged surfactants for effective hard water washing.

Appearance:.....	White Powder	pH of 1% solution:.....	10.2
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Odor:.....	Citrus
Stability:	6 months @ Ambient Temperature		

PACKAGING:..... 40 lb. plastic pail - 40 lbs. net 43 lbs. gross **CODE:**.....LEPPLED40

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CLEANERS No. 10

POWDERED LAUNDRY STARCH

GENERAL DESCRIPTION:

CLEANERS No. 10 is a precooked completely lubricated non-sticking instant starch.

- Contains a blend of starches, first combined, pre-gelatinized, dried and then ground into a fine granular powder.
- Suitable for all types of polyester, cottons and blends.
- Thorough penetration of fabric produces clear, mar-free finish.
- For use in all starching where a dry to the wheel starch is desired.
- Effective on all cotton fabrics. Ideal for Shirt Laundry, Flat Work, and Uniform Rental operations.
- Disperses quickly at cool to medium temperatures.
- Outstanding storage stability.

DIRECTIONS FOR USE:

Cotton fabrics: 4 to 16 ounces per hundred pounds

Blended fabrics: 4 to 16 ounces per hundred pounds

Note: These are suggested quantities. You may have to use more or less depending on the hand and feel required.
Run the machine for 5 - 7 minutes at 100F. Use 3" water level. For full hand development, goods should be conditioned so that they leave the ironer completely dry.

PHYSICAL PROPERTIES:

Chemical Composition: Polymers and natural sizes

Appearance:..... White Powder

Penetration: Immediate

Biodegradable: Yes

Stability:12 months @ Ambient Temperature

HANDLING PRECAUTIONS:

CAUTION: KEEP OUT OF REACH OF CHILDREN.

Eyes: Flush with water for 15 minutes. If irritation persists, obtain medical attention.

Skin: Flush with water for 15 minutes.

Ingestion: Drink large amounts of water. DO NOT induce vomiting. Obtain medical attention.

PACKAGING:

50 lbs. net 54 lbs. gross - Fiber Drum

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Liquid Laundry



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CLEANERS No. 11

ALKALI & DETERGENT BOOSTER

GENERAL DESCRIPTION:

No. 11 is a highly concentrated liquid blend of heavy-duty alkaline builders and sequestering/soil suspending agents. It supplies additional power to release even the most difficult soil and grease stains. Once released from the fabric, the soil suspending agents prevent the soil from redepositing on the fabric. No. 11 may be used alone in a break cycle or in conjunction with CLEANERS No. 2 or 12, powdered citrus or liquid laundry detergent to give stain free results. No. 11 is specially formulated to be completely compatible with all other laundry products except enzyme detergents. **DO NOT USE ON NATURAL SILK OR WOOL.**

DIRECTIONS FOR USE:

No. 11 is specially formulated to be used with CLEANERS Detergents or in conjunction with laundry bleaches, both chlorine and oxygen for a personally tailored laundry operation. No. 11 is formulated to be dispensed directly from the shipping container through an automated injector system into the laundry machine, thereby eliminating hand feeding and possible spillage. This product should not be used where solution contact with aluminum will be made. For normal soils, use 4 to 8 ounces per hundred pounds of work. While No. 11 is completely soluble at all normal water temperatures, optimum soil release will be obtained in hot (140, to 180F) temperatures.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Highly alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes for 15 minutes and consult 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. **DO NOT** induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition.....	Potassium based alkaline builders, buffering agents and cloth protectants, water conditioners, soil and grease emulsifiers.		
Appearance:.....	Clear Liquid	pH of 1% solution:.....	12.7
Specific Gravity.....	1.36 (11.32 lbs./gal)	pH.....	14
Penetration:	Immediate	Solubility:	Complete and Fast
Biodegradable:	Yes	Foam:	Low
Rinsing:	Complete	Total Alkalinity	25%
Stability:	12 months @ Ambient Temperature		

PACKAGING:..... 5 gallon plastic pail - 57 lbs. net 60 lbs. gross / 55 gallon dr.

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CLEANERS No. 12

Neutra-Clean

LIQUID LAUNDRY DETERGENT

GENERAL DESCRIPTION:

CLEANERS No. 12 is a laundry detergent concentrate that is the result of the latest technology in surfactants and emulsifiers: raw materials that are designed to work equally well in hot or cold water. No. 12 is a specialized blend of soil suspending agents, emulsifiers, anti-redeposition agents, water conditioners and optical brighteners. It will deliver clean linen when used in combination with laundry bleaches and laundry break. Approved for wetcleaning and for use as a collar and cuff treatment.

Because CLEANERS No. 12 has excellent rinsing and water conditioning properties. No. 12 will actually reverse graying or yellowing problems. Even silk and wool may be laundered without causing damage. Badly stained linen previously taken out of circulation can be reclaimed using CLEANERS No. 12 as a presoak.

DIRECTIONS FOR USE:

CLEANERS No. 12 is specially formulated for use with automated injector systems and is dispensed directly from the shipping container. For normal soils, use 5 to 8 ounces per hundred pounds of work. No. 12 is completely soluble in all normal water temperatures. Optimum soil release will occur at any temperature from 50F to 140F. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary.

AS A PRESOAK: CLEANERS No. 12 may be used as an effective presoak when diluted 1 - 2 ounces for every 5 gallons of water. For heavily soiled linen, overnight soak is recommended.

HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN.

If splashed in eyes, flush with water for 15 minutes. If irritation persists, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents for hard water conditioning. Neutrally charged surfactants for effective hard water washing.

Appearance:.....	Light Amber Liquid	pH	6.8
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity.....	1.03 (8.6 lbs/gal)
Stability:	1 year @ Ambient Temperature		

PACKAGING: 5 gal. plastic pail-44 lbs. net 47 lbs. gross 4/1 gal. plastic bottles -34 lbs. net 47 lbs. gross

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CLEANERS No. 14

LIQUID RUST REMOVING LAUNDRY SOUR

GENERAL DESCRIPTION:

CLEANERS No. 14 is designed to completely neutralize linen being washed so that the pH of the finished product is within an acceptable range of the skin pH, thus preventing alkaline or acidic irritation to the skin. No. 14 reduces rejects by aiding in removing residual alkali and mineral deposits, such as lime and iron which cause graying and yellowing of linen.

DIRECTIONS FOR USE:

CLEANERS No. 14 should be added during the final rinse cycle of the formula with a 90 degree to 120 degree water temperature and a low water level. Using the product at 2 to 4 ounces per hundred pounds of work will deliver the proper pH. A pH indicator may be used to check the correct level of sour for various loads. Different fabrics may require different levels of sour. For example, towels retain more alkali than sheets and would require more sour. The optimum pH is 5.5 to 6.5

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Acidic Liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:	Alkalinity neutralizing agents
Stability:	12 months @ Ambient Temperature
Appearance:.....	Clear Liquid
pH of 1% solution:.....	3.4
pH.....	2.1
Specific Gravity....	1.016(8.46 lbs/gal)
Penetration:	Immediate
Biodegradable:	Yes
Foam:	None

PACKAGING:..... 5 gal plastic pail / 15 & 55 gal plastic

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CLEANERS No. 15

LIQUID LAUNDRY SOFT SOUR

GENERAL DESCRIPTION:

CLEANERS No. 15 is designed to soften and fluff all fabrics, reduce static and contribute to wrinkle free results. It will neutralize linen and garments being washed so that the pH of the finished product is within an acceptable range of the skin pH, thus preventing alkaline or acidic irritation to the skin, or build-ups on pressing equipment. No. 15 also contains optical brighteners to enhance appearance of colors and whites. It is safe for use with natural and synthetic fabrics.

DIRECTIONS FOR USE:

CLEANERS No. 15 should be added during the final rinse cycle of the formula with a 90 degree to 120 degree water temperature and a low water level. The use of this product at 3 to 5 ounces per hundred pounds of work will deliver the proper pH. A pH indicator may be used to check the correct level of soft/sour for various loads. Different fabrics may require different levels of product. For example, towels retain more alkali than sheets and would require more neutralizing. The optimum pH is 5.5 to 6.5. Dispense from shipping container.

HANDLING PRECAUTIONS:

CAUTION: KEEP OUT OF REACH OF CHILDREN.

Acidic Liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flush with water if splashed in eyes for 15 minutes and consult physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:	Alkalinity neutralizing agents, optical brighteners, static and wrinkle reducing agents
Stability:	12 months @ Ambient Temperature
Appearance:.....	Green Liquid
pH of 1% solution:.....	3.4
pH.....	2.1
Specific Gravity.....	1.016(8.46 lbs/gal)
Penetration:	Immediate
Biodegradable:	Yes
Foam:	None

PACKAGING:..... 5 gal plastic pail - 43 lbs. net 46 lbs. gross 15 gal plastic drum - 129 lbs. net 135 lbs. gross

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.



Cleaners Chemical Corp.
 cleanerschemicalcorp.com

Cleaners No.17

Enzy-Cat

CATIONIC WET-CLEANING DETERGENT WITH ENZYMES AND OPTICAL BRIGHTENERS

GENERAL DESCRIPTION:

Enzy-Cat is a uniquely designed detergent concentrate for the Wet-Cleaning industry that will digest and/or emulsify proteins, greases, and fats due to its cationic surfactant structure combined with enriched compound enzymes. Enzy-Cat is effective in low temperature solutions and works quickly which is important to avoid shrinkage from garments being in solution too long. Enzy-Cat helps to remove odors and leaves the garment fresh and clean. Also present in the product are specialized soil-suspending agents, anti-redeposition agents, water conditioners and optical brighteners. Enzy-Cat can be used in combination with softeners, re-sizing and re-texturizing agents. Enzy-Cat has excellent rinsing properties, and actually can restore graying or yellowing fabrics. Even silk and wool may be laundered without causing damage.

DIRECTIONS FOR USE:

For normal soils, use 1 to 4 ounces per ten pounds of wet-cleaning. Enzy-Cat is completely soluble in all normal water temperatures. Optimum soil release will occur at any temperature from 50F to 115F. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 4 to 8 minute wash cycle. If extreme soil conditions exist, a repeat cycle may be necessary.

HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN.

FOR COMMERCIAL USE ONLY.

If splashed in eyes, flush with water for 15 minutes. If irritation occurs, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Non-Pathogenic Bacterial Complex, Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents for hard water conditioning and Optical brighteners.

Appearance:.....	Light Amber Liquid	pH	6.0
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity.....	1.03 (8.6 lbs/gal)
Stability:	1 year @ Ambient Temperature		

PACKAGING: 5 gal. plastic pail-44 lbs. net 47 lbs. gross 4/1 gal. plastic bottles -34 lbs. net 47 lbs. gross

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.



Cleaners Chemical Corp.
cleanerschemicalcorp.com

Cleaners No.18

Enzy-Surf NP

HEAVY DUTY WET-CLEANING DETERGENT WITH ENZYMES AND OPTICAL BRIGHTENERS

General Description:

Enzy-Surf NP is a uniquely designed non-phosphated detergent concentrate for the Laundry & Wet-Cleaning industry. It is a heavy duty anionic that will digest and/or emulsify proteins, greases, and fats due to its specific blend of soil emulsifiers combined with enriched compound enzymes. Enzy-Surf NP is effective in low temperature solutions and works quickly to remove soil and odors. Also present in the product are specialized soil-suspending agents, anti-redeposition agents, water conditioners and optical brighteners. Enzy-Surf NP can be used for wet cleaning in combination with softeners, re-sizing and re-texturizing agents, or can be used with alkali and chlorine bleach in other applications. Alkali if needed is a separate bath preceding the enzyme wash, which should be pH 10 or less. Chlorine can follow the enzyme wash directly.

For normal soils, use 1 to 4 ounces per ten pounds of heavy duty wet-cleaning, or up to 12 oz./100 lb. for bar mops or table linen. Enzy-Surf NP is completely soluble in all normal water temperatures. Optimum soil release will occur from 120F to 140F.

**HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN.
FOR COMMERCIAL USE ONLY.**

If splashed in eyes, flush with water for 15 minutes. If irritation occurs, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Non-Pathogenic Bacterial Complex, Active Protein Enzymes, Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents for hard water conditioning; Neutrally charged Surfactants for effective hard water washing; Optical brighteners.

Odor:	Pleasant		
Appearance:.....	Amber Liquid	pH	8.5
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity.....	1.03 (8.6 lbs/gal)
Stability:	1 year @ Ambient Temperature		

PACKAGING: 5 gal. plastic pail-44 lbs. net 47 lbs. gross 4/1 gal. plastic bottles -34 lbs. net 47 lbs. gross

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.



Cleaners Chemical Corp.
cleanerschemicalcorp.com

CLEANERS No. 19

LIQUID OXYGEN BLEACH

GENERAL DESCRIPTION:

CLEANERS No.19 LIQUID OXYGEN BLEACH is a concentrated color safe bleach for use in heavy duty laundry applications where the extra destaining power of active oxygen is desired. The product has excellent stain removal properties. When used as directed, it is safe on all cottons, linens and synthetic fabrics. CLEANERS No. 19 is recommended for use in removing stains from colored fabrics and linens where chlorine bleach cannot be used or may be undesirable.

DIRECTIONS FOR USE:

CLEANERS No.19 may be used either as a bleach in normal laundry operations or as a destaining presoak. **DO NOT USE ON NATURAL SILK, WOOL OR NYLON FIBERS.** Two to four ounces per fifty pounds of work is recommended. CLEANERS NO.19 must be used in addition to the detergent or break, or in a separate bleach cycle. CLEANERS NO. 19 is most effective at temperatures ranging from 160 to 180 degrees and a pH of 11.

HANDLING PRECAUTIONS:

CAUTION: WARNING: KEEP OUT OF REACH OF CHILDREN.

Contains Hydrogen Peroxide. 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. Do not induce vomiting. Obtain prompt medical attention. Consult Material Safety Data Sheet for further information on product acceptability.

PHYSICAL PROPERTIES:

Chemical Composition:	Hydrogen Peroxide
Appearance:.....	Clear Liquid
Penetration:	Immediate
Solubility	complete and fast
Biodegradable:	Yes
Rinsing	Complete
Foam:	None
Stability:	3 months @ Ambient Temperature
Activity	17%

PACKAGING:..... 5 gallon plastic pail - 44 lbs. net 47 lbs. gross

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.



Cleaners Chemical Corp.
cleanerschemicalcorp.com

CLEANERS No. 20

PUMPABLE LIQUID LAUNDRY STARCH

GENERAL DESCRIPTION:

No. 20 combines the useful properties of polymers and natural sizes.

- Firm yet flexible hand enables VISA* napkins to stand up when placed and provides a smooth bodied cottony feel.
- Suitable for all types of polyester, cottons and blends.
- Imparts stain release properties reducing stain buildup.
- Thorough penetration of fabric produces clear, mar-free finish.
- Free-flowing liquid that is easily handled by an automatic feed system.
- Firm hand developed in dryer when fabrics are not ironed.
- Enhanced water absorption of fabrics.
- Outstanding storage stability assuring uniform results with no clogging of tubes or build-up on equipment.
- Not “blown away” in conditioner/dryer - allowing proper conditioning required for ironer productivity.

DIRECTIONS FOR USE:

Cotton fabrics: 2 to 4 ounces per hundred pounds
Blended fabrics: 4 to 6 ounces per hundred pounds
100% polyester: 6 to 8 ounces per hundred pounds

Note: These are suggested quantities. You may have to use more or less depending on the hand and feel required. Run the machine for 5 - 7 minutes at 100F. Use 3” water level. For full hand development, goods should be conditioned so that they leave the ironer completely dry.

HANDLING PRECAUTIONS:

CAUTION: KEEP OUT OF REACH OF CHILDREN.

This product is designed for commercial use only. Not intended for home use.

Eyes: Flush with water for 15 minutes. If irritation persists, obtain medical attention.

Skin: Flush with water for 15 minutes.

Ingestion: Drink large amounts of water. DO NOT induce vomiting. Obtain medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Polymers and natural sizes
Appearance:..... White Opaque Liquid
pH 6.5
Penetration: Immediate
Biodegradable: Yes
Specific Gravity..... 1.12 (9.34 lbs/gal)
Stability:12 months @ Ambient Temperature

PACKAGING: 5 gal. plastic pail-47 lbs. net 50 lbs. gross, 55 gal plastic drum -514 lbs. net 550 lbs. gross

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.



Cleaners Chemical Corp.
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Cleaners No. 21

CRINKLE FREE

PROFESSIONAL FABRIC SOFTENER

GENERAL DESCRIPTION: Crinkle Free is a concentrated static reducer and retexturizer that makes pressing an easier task. It reduces creasing after wetcleaning or washing. Less wrinkling, sticking and static means increased production and better results. Fabrics stay fresher and neater longer with a smooth, soft, comfortable feel. Crinkle Free also cuts laundry cycle time and helps reduce shrinkage by reducing extraction and drying time. Crinkle Free has a delightful fragrance, and is safe for use on natural and synthetic fabrics.

DIRECTIONS FOR USE: Crinkle Free is used in the final rinse of a wash cycle or for a soak bath in severe cases. For khakis and heavy duty wetcleaning use 2 to 16 ounces per hundred pounds of work. Crinkle Free is completely soluble at all normal water temperatures. Best results are obtained at 70-120 degrees.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Contact with skin and eyes may cause sever 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. Do not induce vomiting.

PHYSICAL PROPERTIES:

Chemical Composition: Static and wrinkle reducing agents; fabric softening agents; fragrance

Appearance.....white liquid	BiodegradableYes
pH6	pH of 1 % solution.....6.5
Specific gravity 99 (8.3 lbs/gal)	Penetration.....Immediate
Stability1 Year @ Ambient Temperature	Fragrance.....Pleasant

PACKAGING: 4 gal case - 37 lbs net / 39 lbs gross 5 gal. pail - 43 lbs net / 46 lbs gross

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.



Cleaners Chemical Corp.
cleanerschemicalcorp.com

CLEANERS No. 66

LIQUID CITRUS DEGREASER

GENERAL DESCRIPTION:

CLEANERS No. 66 is a fast acting butyl and d'limonene based cleaner and degreaser that is effective in the removal of collar rings, spots, stains and soil buildups, especially in wetcleaning, on shirts, table linens, napkins, kitchen whites and bar mops.

DIRECTIONS FOR USE:

LAUNDRY APPLICATIONS: For normal soils, use 8 to 12 ounces per hundred pounds of work. CLEANERS No. 66 is completely soluble in all normal water temperatures. For optimum soil release, use in hot (140F to 160F) water. Effective soil removal at the concentrations and temperatures given may be obtained during a normal 6 to 10 minute wash cycle. If extreme soil conditions exist, a longer or repeat cycle may be necessary. Ideal for lipstick removal or as a laundry spotter.

HANDLING PRECAUTIONS:

CAUTION: WARNING - KEEP OUT OF REACH OF CHILDREN.

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 physician immediately. If ingested, drink large amounts milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Emulsifiers, Penetrating, Stabilizing, Buffering and Soil suspending agents; Mineral sequestering agents for hard water conditioning.

Appearance:.....	Orange Liquid	pH	7.0
pH of 1% solution:.....	7.0	Penetration:	Immediate
Wetting Ability:	Good	Biodegradable:	Yes
Foam:	Low to Moderate	Rinsing:	Complete
Odor:.....	Strong Citrus	Specific Gravity.....	1.047 (8.7 lbs/gal)
Stability:	6 months @ Ambient Temperature		
Solubility	Complete and Fast	Free Caustic	None

PACKAGING: 5 gal. plastic pail-44 lbs. net 47 lbs. gross
4/1 gal. plastic bottles -34 lbs. net 37 lbs. gross

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.

Spotting



Cleaners Chemical Corp.
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ENZY-SPOT

Protein Stain Remover

GENERAL DESCRIPTION:

ENZY-SPOT is specially formulated for the professional cleaner to treat protein stains before or after drycleaning, wetcleaning, or laundering. **ENZY-SPOT** contains unique enzymes and soil penetrating agents to assure safe and superior removal of food oil, blood, egg, urine, perspiration and other tough stains, particularly of a protein and albuminous nature. **ENZY-SPOT** has also been designed for use on silk and wool and has a built in leveling agent to prevent rings.

DIRECTIONS FOR USE:

SHAKE WELL BEFORE USING. For removing stains or spots, spray or otherwise saturate the entire spot. Use proper mechanical action to help break up the stain. Stubborn stains may require allowing the product to react with the stain for 15 to 20 minutes. The affected area can also be flushed and feathered. Garments being drycleaned can be allowed to dry. **ENZY-SPOT** can also be used for heavy soil and as a collar and cuff treatment.

HANDLING PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Do not take internally. 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 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. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition . . .	Emulsifiers, penetrating agents; citrus terpenes, enzymes, soil suspending agents		
Appearance	Thick emulsion	pH	7.0
Specific gravity	0.995 (8.3 lbs/gal)	Penetration.	Rapid
Stability	Shake well before using	Solubilty.	Complete and Fast
Biodegradable	Yes	Odor	Citrus, Lemon

PACKAGING

4/1 gal. plastic bottles 33 lbs. net / 36 lbs. gross 12/1 qt. plastic bottles 25 lbs. net/ 27 lbs. gross

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.



Cleaners Chemical Corp.
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CITRA-SPOT

Wetcleaning Dry-Side Stain Pre-Spotter

GENERAL DESCRIPTION:

Citra-Spot is a concentrate for use by the professional cleaner for the removal of dry-side stains of an oil-based nature. It is the result of the latest technology in surfactants, emulsifiers, and natural neutral turpinines. Citra-Spot is a specialized blend of soil suspending agents, emulsifiers, anti-redeposition agents, water conditioners and optical brighteners that will help to safely remove fats, oils, greases, and various stains of similar chemical composition when used in accordance with accepted spotting principles and procedures.

DIRECTIONS FOR USE:

Test the product on the garment first for fabric safety and color fastness. Citra-Spot is specially formulated for use on the spotting board for pre-spotting garments being wetcleaned or laundered. Apply Citra-Spot formula directly on stain and then use proper mechanical action. It can be activated by heat of the steam gun for a faster and stronger chemical reaction.

HANDLING PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

If splashed in eyes, flush with water for 15 minutes. If irritation persists, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents. Neutrally charged surfactants.

Appearance:	Clear Liquid	pH	7.0
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity..	1.047 (8.7 lbs/gal)
Stability:	6 months @ Ambient Temperature		

PACKAGING

4/1 gal. plastic bottles 33 lbs. net / 36 lbs. gross and 12/1 qt. plastic bottles 25 lbs. net/ 27 lbs. gross

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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LUBE-REMOVE

Tannin Stain Remover

GENERAL DESCRIPTION:

LUBE-REMOVE is a tannin formulation that will help the professional cleaner safely remove wine, coffee, and various stains of a vegetable nature when used in accordance with accepted spotting principles and procedures. It can be used before or after drycleaning, wetcleaning, or laundering. A specialized blend of the latest technology in surfactants, emulsifiers, and soil suspending agents, **LUBE-REMOVE** is also designed for use on silk and wool and has a built in leveling agent to prevents rings.

DIRECTIONS FOR USE:

Apply directly on the stain and then use proper mechanical action. Chemical can be activated by heat of the steam gun for a faster and stronger chemical reaction. The affected area can also be flushed and feathered. Garments being drycleaned can be allowed to dry.

HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN.

If splashed in eyes, flush with water for 15 minutes. If irritation persists, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition: Emulsifiers, Anti-redeposition, Soil suspending and Rinsing agents; Mineral sequestering agents. Neutrally charged surfactants.

Appearance:	Clear Liquid	pH	5.5
Penetration:	Immediate	Wetting Ability:	Excellent
Biodegradable:	Yes	Foam:	Moderate
Rinsing:	Complete	Specific Gravity.....	1.03 (8.6 lbs/gal)

PACKAGING

4/1 gal. plastic bottles 33 lbs. net / 36 lbs. gross and 12/1 qt. plastic bottles 25 lbs. net/ 27 lbs. gross

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OXXY SPOT



Cleaners Chemical Corp.
cleanerschemicalcorp.com

Reorder: 866 307 0700

www.cleanerschemical.com

- PEROXIDE BREAKS DOWN INTO OXYGEN AND WATER- COLOR SAFE - DOES NOT CONTAIN CHLORINE
- BLEACHING EFFECT ON STAINS WITHOUT THE WORRY OF DAMAGING COLORS
- D'LIMONENE REPLACES CONVENTIONAL SOLVENTS LIKE MINERAL SPIRITS, MEK, PERC, TOLUENE
- REMOVES GREASE - LIFTS PARTICULATE
- DEODORIZES WITH THE FRESH CITRUS FRAGRANCE
- DOES NOT CONTAIN DRYING ALCOHOLS
- NO OILY RESIDUE
- CATIONIC SURFACTANT TO ATTACK RESISTANT STAINS
- NEUTRAL pH

GENERAL DESCRIPTION: OXXY SPOT is the long sought after answer to solve all your tough cleaning jobs. OXXY SPOT cleans and eliminates grease and grime. The powerful duo of D Limonene, an all natural citrus product, and Peroxide team up to meet your needs. There are no harmful solvents, phosphates, alcohols, caustics or chlorine in OXXY SPOT. There are no harsh odors and OXXY SPOT leaves no residue to attract more dirt. This neutral cleaner is safe and cost effective, while tackling even your toughest cleaning job. OXXY SPOT can also be used for heavy soil and as a collar and cuff treatment. Designed for all washable fabrics and surfaces, it removes dulling film buildups .

CAUTION: NON-FAST COLOR MUST ALWAYS BE TESTED! Spray or otherwise saturate the entire spot. The affected area can be flushed and feathered, or left in the garment to go through the laundry, wetcleaning or drycleaning process. Mechanical action or steam can be applied to help break up the stain. Stubborn stains may require allowing the product to react with the stain for 15 to 20 minutes. Garments being drycleaned can be allowed to dry.

HANDLING PRECAUTIONS:

Do not take internally. 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 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. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition : Emulsifiers, Penetrating agents, stabilizing and buffering agents, soil suspending agents.

AppearanceRed- Orange liquid
pH of 1% solution..... 7.5 -8.0
Specific gravity ... 1.02 (8.4 lbs/gal)
Stability.....1 Year @ Ambient Temperature
Wetting Ability..... Good
Free CausticNone
FoamLow to Moderate
RinsingComplete

SolubilityComplete and Fast
Emulsification Rapid
Odor Mild

PACKAGING:

12 x 1 qt. PET bottle w/12 sprayers - 28 lbs. gross
4/1 gal plastic bottles - 38 lbs. gross

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.



Cleaners Chemical Corp.
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SPRAY-AWAY YELLOW

GENERAL DESCRIPTION:

SPRAY AWAY YELLOW is a new chemical formula designed to remove the last traces of yellow staining safely from tannin, protein, dye and oxidation. It is used as a last step on all fabrics and colors that have been spotted. It contains activated oxygen, neutral PH, ion free lubricants and leveling agents for stability and penetration. It is designed to release oxygen slowly when exposed to air and light. It has been found to be effective on the last traces of such stains as perspiration, coffee, dye, tea, etc. It becomes chemically neutral after use. The garments can be re-cleaned due to the leveling agents or feathered and sent for pressing. SPRAY-AWAY YELLOW is safe on all washable fabrics with either synthetic or natural fibers, and is biodegradable.

DIRECTIONS FOR USE:

- Spray over area (let hang for 15 minutes)
- Re-apply when necessary
- Send for pressing or re-cleaning
- More aggressively, the product will accelerate the action of tannin and protein formulas when used with heat and mechanical action.

PHYSICAL PROPERTIES:

Chemical Composition Soil suspending & rinsing agents; neutrally charged surfactants.

Stability 6 months @ Ambient Temperature

Appearance Clear liquid

Wetting Ability Excellent

pH 6.8

Biodegradable Yes

Specific gravity 1.009 (8.6 lbs/gal)

Foam Low

Penetration Immediate

Rinsing Complete

Caution: Contact with skin and eyes may cause severe irritation. Harmful if swallowed. If splashed in eyes, flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

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.



Cleaners Chemical Corp.
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SPRAY-AWAY UNIVERSAL

SPRAY-AWAY UNIVERSAL is able to effectively remove most stains due to a unique formulation that includes activated enzymes. These enzymes are capsulated and are not affected by mild acids, alkali and mild oxidizing agents. They also withstand temperatures up to 140F, and are effective on protein matter as well as many food oils. The tannin ingredients used are compatible with the enzymes used, and the nonionic lubricants with citrus oils handle dryside stain removal and soil. Included in the formulation are leveling agents so that rings from spotting will rinse out in all drycleaning solvents.

DIRECTIONS FOR USE:

For Removing tannin, protein, dryside, combination stains, soil and unidentified stains:

- (1) Spray on stain
- (2) Mechanical action
- (3) Flush with water or steam
- (4) Feather or hang to dry and clean or re-clean

LEVELING

- (1) Spray on the wet area after spotting with any wetside agent
- (2) Brush
- (3) Hang to dry and re-clean

Residual Yellow staining can be removed using Spray-Away Yellow

The spotting formulas offered at this time differ in composition and are designed to remove the basic stain ingredients. The basic stains that drycleaners encounter are dryside, tannin, protein and soil. The chemicals used for stain removal use different chemistry that makes combining them impossible. For example we cannot combine an acid based tannin formula with an alkaline based protein formula since they will neutralize each other. Solvent based dryside agents are also used separately as well as leveling agents. Even some of the enzymes offered will break down when combined with chemicals. Agents used for soil differ substantially from those agents used for protein and tannin stains. **SPRAY AWAY (UNIVERSAL)** is able to effectively remove most stains due to a unique formulation



SPRAY-AWAY UNIVERSAL

PHYSICAL PROPERTIES

Chemical CompositionEmulsifiers, penetrating agents; citrus terpenes, enzymes, soil suspending agents.

Appearance Thick emulsion

pH 7.0

Specific gravity 0.995 (8.3 lbs/gal)

Stability Shake well before using

Solubility. Complete and Fast

Biodegradable Yes

Odor Citrus, lemon

Penetration. Complete

Wetting Ability Excellent

Biodegradable Yes

Foam Low

Rinsing Complete

Caution: Contact with skin and eyes may cause severe irritation. Harmful if swallowed. If splashed in eyes, flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

4/1 gal plastic bottles 33 lbs net / 36 lbs gross

12/1 qt plastic bottles 25 lbs net/ 27 lbs gross

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.

Deodorizing



Cleaners Chemical Corp.
cleanerschemicalcorp.com

AEROCLENZ

SMOKE ODOR REMOVER

GENERAL DESCRIPTION

Aeroclenz 1 has been formulated for use in any laundry dryer to remove petroleum based, smoke, and soot odor on clothing. It is an odor removal process and not a perfumed camouflage of the odor. It will also remove odor from clothes resulting from cleaning in impure solvent. The effectiveness of the process is similar to results obtained by using ozone machine treatment. Dan Eisen patented the concept of using a laundry or wetcleaning dryer for removing stains and odors in fabrics (Patent #5,940,988), and guided Cleaners Chemical in the development of this product.

DIRECTIONS

Put **DRY** clothes in the dryer and spray Aeroclenz 1 directly into the basket. Do not spray directly on clothes. Run dryer for 3-4 minutes with medium heat. Stop dryer and spray 2 more times into basket. Run dryer for seven more minutes. Repeat the process if necessary.

HANDLING PRECAUTIONS: WARNING - KEEP OUT OF REACH OF CHILDREN.

If splashed in eyes, flush with water for 15 minutes. If irritation persists, obtain medical attention. If ingested, drink large amounts of water to dilute. DO NOT induce vomiting. Obtain prompt medical attention.

PHYSICAL PROPERTIES:

Chemical Composition:

Appearance:.....	Clear Liquid	pH	6.0
Penetration:	Immediate	Biodegradable:	Yes
Specific Gravity.....	1.03 (8.6 lbs/gal)		
Stability:	1 year @ Ambient Temperature		

PACKAGING

4/1 gal. bottles 33 lbs net / 36 lbs gross and 12/1 qt. bottles 25 lbs. net/ 27 lbs.ross

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.

Warewashing

UNI-KLEEN GREEN

HIGH TEMP LOW FOAM MACHINE DETERGENT



GENERAL DESCRIPTION: UNI-KLEEN GREEN LIQUID HIGH TEMP DETERGENT is a specially formulated machine detergent to meet DFE green standards and to produce clean and sparkling tableware. UNI-KLEEN GREEN LIQUID HIGH TEMP DETERGENT attains excellent results in light to medium soil conditions where soft to medium water hardness conditions are available. This unique product is formulated to be dispensed through an automated injector system, assuring the lowest possible use cost and eliminating messy spills and unsightly dish areas. UNI-KLEEN GREEN LIQUID HIGH TEMP DETERGENT can be used to wash soft metals such as aluminum or pewter.

PHYSICAL PROPERTIES:

Chemical Composition . . .Alkaline base; soil and mineral sequestering agents for water conditioning; metal and glaze protectants.
Appearance Clear amber LIQUID
pH of 1% solution 9.9
Specific gravity 1.2 (10.01 lbs./gal)
Solubility Complete and Fast
Stability Year @ Ambient Temperature
Biodegradable Yes, all surfactants
Metal Safety Safe with soft metals

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 2 to 6 drops (each drop = .05%) using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H₂O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 2 drops, total drop titration equals 6 drops. (6 - 2 = 4 x .05% = 0.2%)

HANDLING PRECAUTIONS:

CAUTION: WARNING KEEP OUT OF REACH OF CHILDREN.

Highly alkaline LIQUID ALL. 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 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. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

5 gal plastic pail - 52 lbs. net / 55 lbs. gross
4x1 gal case- 36 lbs. net/ 38 lbs. gross

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.

DRY QUICK



Cleaners Chemical Corp.
cleanerschemicalcorp.com

GENERAL DESCRIPTION: DRY QUICK is a concentrated liquid rinse additive which reduces rinse-water surface tension, providing rapid sheeting action for spot free drying. The excellent sheeting action of DRY QUICK helps eliminate alkaline and hard water film deposits from flatware, glasses and dishware. In addition, DRY QUICK controls foam thereby improving the performance of the dish machine pump. DRY QUICK is formulated to attain excellent results in soft to medium hard water conditions.

PROPERTIES:

Chemical composition . . . Organic, nonionic wetting agents
Appearance Clear blue liquid
pH 9.5
Specific Gravity 1.030 (8.58 pounds per gallon)
Wetting Ability Instant, complete
Foam Acts as a mild suppressant
Odor Not residual

INSTRUCTIONS FOR USE:

DRY QUICK is recommended for use at a concentration between a minimum of 100 ppm (1:10,000) and a maximum of 300 ppm (1:3,000). The actual use concentration is determined by the individual operating conditions. DRY QUICK may be used at concentrations as low as 50 ppm (1:20,000) under ideal water conditions consisting of low water hardness and low dissolved solids levels. 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 DRY QUICK with the water supply before it emerges from the final rinse jets. Final rinse temperature should be maintained as close to the 180° F (82°C) minimum as possible, and should not exceed 190° F (87°C) 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 DRY QUICK at the required concentration to achieve the rapid sheeting of water from the ware.

HANDLING PRECAUTIONS:

CAUTION - FIRST AID

EYES: Flush with water for at least 15 minutes. If irritation persists, obtain medical attention. **SKIN:** Wash with plenty of water for 15 minutes. If irritation occurs and persists, obtain medical attention. **INHALATION:** Remove from exposure. If discomfort occurs and persists, obtain medical attention. **INGESTION:** Drink water to dilute. Obtain medical advice by phone. **DECONTAMINATION PROCEDURE:** Wash with soap and water.

WARNING: Do not store near oxidizing material.

KEEP OUT OF REACH OF CHILDREN

PACKAGING:

4 /1 gal plastic bottles - 35 lbs. net/38 lbs. gross
5 gal plastic pail - 43 lbs. net/46 lbs. gross

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KEEP OUT OF REACH OF CHILDREN

LIME OFF ORGANIC DESCALER



Cleaners Chemical Corp.
cleanerschemicalcorp.com

GENERAL DESCRIPTION: ORGANIC DESCALER is a fast, versatile, effective cleaner for food service operations, ORGANIC DESCALER is a unique combination of synthetic detergent and organic acid. It rapidly penetrates and removes mineral deposits and hard water films. It cleans and brightens metals quickly and easily, saving time, work, and manpower. Yet, when used as recommended, does not chemically harm copper, iron, stainless steel, or glass.

ORGANIC DESCALER is formulated for multiple cleaning operations. It can be used for manually cleaning such kitchen equipment as stainless steel table tops, counters, and food preparation equipment. It is recommended for removing hard water scale deposits and is satisfactory for use on stainless steel and cast iron surfaces found in dishwashing machine tanks.

ORGANIC DESCALER eliminates hard water problems. It does not cloud up in hard water and leaves no film, residues, or deposits. Also, ORGANIC DESCALER solutions give off no fumes or odors and are not affected by temperature.

PHYSICAL PROPERTIES:

Chemical composition	Soil suspending agents, anti redeposition agents, standard acid compound, water treatment agents.
Solubility	Complete and fast
Rinsing	Complete
Appearance	White Powder
Foam	Moderate
Wetting Ability	Good
Stability	1 Year @ Ambient Temperature

INSTRUCTIONS FOR USE:

Brush Cleaning: Use 8-16oz of ORGANIC DESCALER per load. Brush until clean and then rinse thoroughly with potable water.

Soak Cleaning: (Stainless steel utensils and other small items.) Use 1 oz. of ORGANIC DESCALER per gallon of water. Soak for ten minutes. Brush if necessary. Rinse thoroughly with potable water.

Hard Water Film Remover: Apply ORGANIC DESCALER at 2-4 oz. per gallon of water. Brush until clean. After 10 minutes, or when surface is clean, flush with potable water.

Descaling of Commercial Dish Machines:

- (1) Add ORGANIC DESCALER to wash, power rinse, and scrapper tanks at 2-8 ozs. per gallon of water, depending on amount of scale to be removed.
- (2) Circulate solution for 10 - 30 minutes at normal machine operating temperatures. Descaling process is enhanced as solution temperatures are increased.

HANDLING PRECAUTIONS:

CAUTION - WARNING
KEEP OUT OF REACH OF CHILDREN.

Acidic powder. Contact with skin and eyes may cause 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. Do not induce vomiting. Obtain prompt medical attention.



Cleaners Chemical Corp.
cleanerschemicalcorp.com

SCRUBSTITUTE

Cream Cleanser

CLEANS TILE MARBLE - PORCELAIN PLATES NON-INJURIOUS - NO ACID
Creme Cleanser removes stains, lime deposits, soap crusts, greases and discolorations from ceramic tile, dinner ware, grout. Renews colors and appearance.

PHYSICAL PROPERTIES:

Chemical Composition Emulsifiers, Penetrating, agents, stabilizing and buffering agents, soil suspending agents.

Appearance Off-white gel
pH 9.0
Specific gravity1.08(9.0 lbs/gal)
Stability 6 months @ Ambient Temperature
Wetting AbilityGood
Free Caustic None
FoamLow to Moderate
Rinsing Complete
Solubility Complete and Fast
Emulsification Rapid
Odor. Strong Citrus

FOR GENERAL ALL-PURPOSE CLEANING SUCH AS FLOORS, PLATES AND WASH BASINS DIRECTIONS FOR USE FLOORS - (Tile and Marble). Dissolve 12 ounces of CREME CLEANSER in a standard three gallon pail of water. Mop in regular manner,. rinse with clear water.

DINNER WARE

Use concentrated with sponge, rag or brush directly on surface. Excellent for all metal fixtures such as drains and faucets, no special equipment required.

WARNING: CONTAINS AMMONIA. MAY BE HARMFUL IF SWALLOWED

Keep away from children. Avoid contact with eyes. If concentrated liquid is splashed in eyes, flush thoroughly with water for at least 15 minutes and get medical attention. If swallowed, drink large amounts of water, induce vomiting and call physician.

AVOID CONTAMINATION OF FOOD. DISPOSE OF
EMPTY CONTAINER PROPERLY.
DO NOT MIX WITH BLEACH



Cleaners Chemical Corp.
cleanerschemicalcorp.com

sales@cleanerschemical.com

+1(866) 307-0700