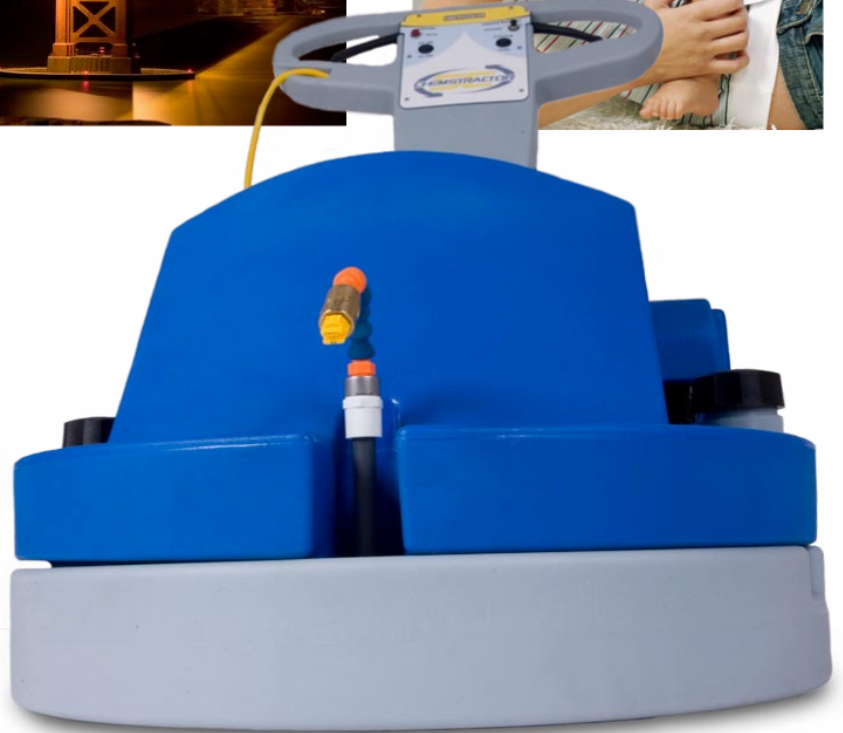


CHEMSPEC®

Full Line

PRODUCT CATALOG '09



CHEMSPEC

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Chemical Specialties Manufacturing Corp.

Founded in 1968 with the belief that there was room in the market for superior performing products that safely and effectively cleaned residential and commercial textiles, 40 years later Chemspec has become the leading manufacturer of solution based textile cleaning products.

Today as always the cleaning chemical used has a direct relationship to the labor spent to perform any given function. The greater the efficacy a cleaning product produces the greater the labor savings. Since its founding in 1968, Chemspec has espoused the principle that textile cleaning products should produce the highest efficacy possible while not contributing to re-soiling. This purpose driven fundamental principle is one of the reasons that Chemspec is the leader in the textile cleaning products industry.

Part of the RPM family of companies; a world leader in the manufacturing of coatings, sealants, paints and Industrial flooring systems, Chemical Specialties Manufacturing Corp. better known as Chemspec provides you with the technical expertise and product cleaning performance that is the benchmark in the industry.

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Carpet Pre Conditioners

Pre Conditioners emulsify oil and soil found in carpet and is a necessary first step in cleaning heavily soiled carpet. Chemspec Pre Conditioners are designed to quickly emulsify the oils and soils so that they can be removed easily in the rinse / cleaning phase of the carpet cleaning process. Using the right carpet pre condition for the type of carpet soiling conditions you encounter makes your cleaning easier and faster, saving you time and money.

Enzymatic Carpet Pre Conditioners

ENZ-ALL



Formulated to emulsify food based oils and soils found in all synthetic carpet environments, this powerful powdered enzyme based pre conditioner breaks down blood, urine, feces, vomit, cooking oil as well as petroleum oil quickly and effectively. ENZ-All requires 5 minute dwell time. ENZ-ALL can be used on kitchen and rest room floors to quickly remove cooking oil from kitchen floors and urine soils on restroom floors with a mop and bucket application.

pH at use: 11.5 to 12 **Dilution:** 44 to 1 **Mix:** 2 scoops to 1 gal hot water

Color: Off white/pale yellow **Type:** Powder with flecks

Special Conditions: Temperature sensitive; works best at temperatures between 120°F to 160°F. Discard unused solution after 12 hours.

Available Sizes: EA22 - 22 Pound Container, EADR - 365 Pound Drum, EABK - 50 Pound Container, EA24 - 4/6 Pound Jars, EACS - 6/1.5 Pound Tubs

PREKLEEN



Formulated to emulsify food based oils and soils found in all natural carpet environments, this safe – effective, low pH powdered enzyme based pre conditioner breaks down blood, urine, feces, vomit, cooking oil as well as petroleum oil quickly and effectively. PREKLEEN requires 5 minute dwell time.

pH at use: 8 to 9 **Dilution:** 44 to 1 **Mix:** 2 scoops to 1 gal hot water

Color: Off white **Type:** Powder

Special Conditions: Temperature sensitive; works best at temperatures between 120°F to 160°F. Discard unused solution after 12 hours.

Available Sizes: PK22 - 22 Pound Container, PKDR - 365 Pound Drum, PKBK - 50 Pound Container, PK24 - 4/6 Pound Jars

Solvent Based Carpet Pre Conditioners

EXPRESS LANE TLC



Special blend of surfactants and emulsifying solvents; quickly penetrates the surface to emulsify the soils and oils found in the residential cleaning environment. Easily rinsed out of the carpet with an acid side rinse such as All Fiber Textile Rinse or Encapsulating Acid Rinse; EXPRESS LANE TLC is pH safe for use on wool and Stain Resist carpets. EXPRESS LANE TLC requires a 5 minute dwell time.

pH at use: 8.5 to 9.5 **Dilution:** 32 to 1 **Mix:** 4 oz. to 1 gal

Color: Blue **Type:** Thick Liquid

Special Conditions: Shake well before mixing.

Available Sizes: ELTLC4G - 4/1 Gallon, ELTLC55G - 55 Gallon Drum

Solvent Based Carpet Pre Conditioners

TRAFFIC LANE CLEANER

Traffic Lane Cleaner; Chemspec's leading pre conditioner is our number 1 selling carpet pre conditioner for more than 30 years. Developed in 1970 to emulsify the oils and soils on rugs cleaned in rug cleaning plants, quickly and effectively emulsifies the soils typically found in the residential cleaning environment. TRAFFIC LANE CLEANER requires 5 minute dwell time.

pH at use: 11 to 12 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gal

Color: Green **Type:** Liquid

Available Sizes: TLC4G – 4/1 Gallon, TLC5G - 5 Gallon Container, TLC55 - 55 Gallon Drum



TLC FORMULA 321

Formulated to emulsify oils and soils found in Berbers and office carpets, concentrated, cost effective carpet pre conditioner quickly breaks down the difficult to remove soils found in all synthetic carpet. TLC FORMULA 321 requires 5 minute dwell time.

pH at use: 10 to 11 **Dilution:** 32 to 1 **Mix:** 4 oz. to 1 gal

Color: Pale yellow **Type:** Liquid

Available Sizes: T3214G – 4/1 Gallon, T32155 - 55 Gallon Drum



ONECLEAN TLC

Originally formulated to safely emulsify oils and soils found in 5th generation Nylon, wool carpet and wool rugs, this pre conditioner gently dissolves oils and soils without damaging wool. ONECLEAN TLC requires 10 minute dwell time on heavily soiled carpets and is Certified Wool Safe.

pH at use: 9 to 10 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gal

Color: Off white/pale yellow **Type:** Liquid with flecks

Available Sizes: OCTLC4G – 4/1 Gallon, OCTLC5G - 5 Gallons, OCTLC55 - 55 Gallon Drum



Money Saving Tip

Pressure injection/in-line sprayers are an economical way to apply pre conditioners to a carpet before you use your HWE. Some units are available with variable metering tips, some are fixed dilution draw and some allow you to change the draw tip. Most Chemspec Pre Conditioners can be used through these application devices the chart below provides you a general guideline on how to mix a 5 quart stock solution for your in-line sprayer system.

	RTU	Variable Tip	Draw Tip - 9 to 1	Draw - 4 to 1
Product	Dilution	ADD	ADD	ADD
EnzAll	44 to 1	Not Recommended	Not Recommended	15 oz. to 160 oz. water
PreKleen	44 to 1	Not Recommended	Not Recommended	15 oz. to 160 oz. water
Express Lane	32 to 1	160 oz.	42 oz. to 118 oz. water	24 oz. to 136 oz. water
TLC	10 to 1	160 oz.	128 oz. to 32 oz. water	80 oz. to 80 oz. water
TLC 321	32 to 1	160 oz.	42 oz. to 118 oz. water	24 oz. to 136 oz. water
OneClean TLC	10 to 1	160 oz.	128 oz. to 32 oz. water	80 oz. to 80 oz. water



On Location Detergent/Rinse Products

Truck Mount, Portable, Self Contained or Walk Behind... Chemspec Detergent/Rinse formulas quickly solublize emulsified soils no matter what equipment you use. These high concentrate products provide the most efficient and economical cleaning available while leaving the least amount of residue left on the carpet. All Chemspec Detergent/Rinse products impart anti re-soiling properties keeping carpets cleaner longer. When using Chemspec you have 40 years of fiber cleaning experience behind you.

Liquid Detergent/Rinse Products

LIQUID FORMULA 90



CRI
Certified

No other detergent/rinse product offers you the versatility and the ease of use. Whether you are cleaning Industrial, commercial, residential or fine rugs, LIQUID FORMULA 90 is the one detergent/rinse product for all carpet cleaning applications. Ultra concentrated, this product contains the highest amount of active ingredients you can add to water producing the cleaning power of a powder with the versatility of a liquid.

pH at use:	Dilution:	Mix:	
		<u>Portable</u>	<u>Truck Mount</u>
10 to 11	320 to 1	2 oz. to 5 gal	32 oz. to 5 gal stock
9 to 10	640 to 1	2 oz. to 10 gal	16 oz. to 5 gal stock
8 to 9	960 to 1	2 oz. to 15 gal	8 oz. to 5 gal stock



Color: Blue **Type:** Liquid

Special Conditions: pH *Stain Resist Safe* at 640 to 1, pH *Wool Safe* at 960 to 1

Available Sizes: LF904G – 4/1 Gallon, LF9055 – 55 Gallons, LF905G - 5 Gallons, LF90CS – 12/12 oz.

LIQUID FORMULA 77



The Professional Cleaners choice for 40 years, LIQUID FORMULA 77 provides cost effective cleaning at a fixed dilution ratio, pH safe for use on most synthetic and wool fibers.

pH at use: 9.5 to 10.5	Color: Yellow	Type: Liquid
Dilution: 320 to 1	Mix:	
	Portable: 2 oz. to 5 gal	Truck mount: 32 oz. to 5 gal stock tank

Special Conditions: NONE

Available Sizes: LF774G – 4/1 Gallon, LF775G - 5 Gallon, LF7755 – 55 Gallons

LIQUID HIGH HEAT



When you clean at temperatures are above 220°F LIQUID HIGH HEAT is the detergent/rinse to use. Specifically developed to provide a cost effective detergent/rinse that will not cloud at temperatures used in today's modern high heat generating equipment. LIQUID HIGH HEAT **encapsulates** solublized soils, is safe to use on all carpet fibers, color safe, removes carpet browning, and keeps your equipment lines open.

pH at use: 4.2 to 4.7	Color: Yellow	Type: Liquid
Dilution: 320 to 1	Mix:	
	Portable: 2 oz. to 5 gal	Truck mount: 32 oz. to 5 gal stock tank

Special Conditions: NONE

Available Sizes: LHH4G – 4/1 Gallon

Liquid Detergent/Rinse Products

LIQUID ONECLEAN

Specifically formulated to maintain Stain Resist Carpet Warranties, LIQUID ONECLEAN cleans all carpet fiber types safely and effectively at a fixed dilution ratio. LIQUID ONECLEAN is approved by Carpet Mills for warranty cleaning and Wool Safe Certified.

pH at use: 8 to 9 **Color:** Yellow **Type:** Liquid

Dilution: 320 to 1

Mix:

Portable: 2 oz. to 5 gal

Truck Mount: 32 oz. to 5 gal stock tank

Special Conditions: NONE

Available Sizes: LOC4G – 4/1 Gallon, LOC55 - 55 Gallon, LOC5G - 5 Gallon



Powdered Detergent/Rinse Products

POWDERED FORMULA 90

The number one selling powdered carpet detergent in the industry; phosphate and corrosive free, POWDERED FORMULA 90 out cleans all competitive products and is the most economical use cost powder available.

pH at use: 10 to 11 **Color:** Bright yellow **Type:** Powder

Dilution: 320 to 1 **Mix:**

Portable: 2 scoops to 5 gal

Truck Mount: 1.5 pounds to 5 gal stock tank

Special Conditions: NONE

Available Sizes: PF9022 - 22 Pounds, PF9024 – 4/6 Pounds, PF90BK - 50 Pounds, PF90DR - 365 Pounds, PF90B – 24/1.5 Pounds



POWDERED FORMULA 77

The Professional Cleaners choice for many years, POWDERED FORMULA 77 provides cost effective cleaning at a fixed dilution ratio, pH safe for use on most synthetic fibers.

pH at use: 10.5 **Color:** Pale yellow **Type:** Powder

Dilution: 320 to 1 **Mix:**

Portable: 2 scoops to 5 gal

Truck Mount: 1.5 pounds to 5 gal stock tank

Special Conditions: NONE

Available Sizes: PF7724 – 4/6 Pounds, PF77BK - 50 Pounds, PF77DR - 365 Pounds



HIGH HEAT

Developed for today's modern constant heat truck mounts and portables where heat is a critical factor in your cleaning. POWDERED HIGH HEAT will maintain formulation integrity at constant temperatures above 220°F, economical and highly aggressive when combined with high heat in your cleaning process.

pH at use: 10.5 **Color:** White **Type:** Powder

Dilution: 320 to 1 **Mix:**

Portable: 2 scoops to 5 gal

Truck mount: 1.5 pounds to 5 gal stock tank

Special Conditions: NONE

Available Sizes: HHDR - 300 Pounds, HH20 - 5 Pounds, HHBK - 40 Pounds



Powdered Detergent/Rinse Products



POWDERED ONECLEAN

Specifically formulated to maintain Stain Resist Carpet Warranties, Powdered ONECLEAN cleans all carpet fiber types safely and effectively at a fixed dilution ratio. Mill warranty approved and Wool safe.

pH at use: 9 to 9.5 **Color:** White **Type:** Powder

Dilution: 320 to 1 **Mix:**

Portable: 2 scoops to 5 gal **Truck Mount:** 1.5 pounds to 5 gal stock tank

Special Conditions: NONE

Available Sizes: POC24 - 4/6 Pounds, POCBK - 50 Pounds, POCDR - 365 Pounds



FORMULA 70

Developed to remove food based oils and soils found in all synthetic carpet environments, this powerful powdered enzyme based detergent/rinse breaks down blood, urine, feces, vomit, cooking oil as well as petroleum oil quickly and effectively. Temperature sensitive; works best at temperatures between 120°F to 160°F.

pH at use: 9.5 to 10.5 **Color:** White **Type:** Powder

Dilution: 320 to 1 **Mix:**

Portable: 2 scoops to 5 gal **Truck Mount:** 1.5 pounds to 5 gal stock tank

Special Conditions: Temperature sensitive above 160°F, discard unused solution after 12 hrs.

Available Sizes: PF7024 - 4/6 Pounds, PF70BK - 50 Pounds, PF70DR - 365 Pounds

Money Saving Tip

When using a 5 gallon solution stock tank, mark the outside of the tank with a permanent marker or automotive pin stripe in ½ gallon increments from the bottom of the tank to the fill neck. As you use the stock solution the level will lower to the bottom of the stock tank. With Liquid Detergent/Rinse products each half gallon needs 3.2 ounces of product for a proper dilution ratio to be maintained. With Powder Detergent/Rinse products each half gallon needs 2 scoops of product for a proper dilution ratio to be maintained.

Liquids make a stock tank dilution of 20 to 1; Powders make a stock tank dilution of 28 to 1. Set your bubble to draw at 320 to 1; between 2 and 3, according to your truck mount manufacturers specification for maximum cleaning with minimal chemical solution use.

This simple tip saves you money on your chemical and avoids over concentration of your stock tank that can lead to browning. Chemspec Detergent/Rinse products are designed to leave minimal residue on the carpet and do not require an acid rinse step when mixed according to label directions.

Specialty Rinse Products

Specifically formulated to remove soiling problems that standard detergent/rinse products can't, these products are designed to remove the non-organic minerals we sometimes encounter when cleaning. All Chemspec Specialty Rinse products impart anti re-soiling properties.

Liqua - Steam

The high sequestration properties of this product breaks down hard water mineral deposits, scaling, calcification build-up and ice melt compounds from any surface and suspends these minerals into water for easy removal. Liqua – Steam is a phosphate-free/industrial strength formula that eliminates mineral build-ups. Use on stone, VCT, pool decks, carpet and more.

pH at use: 10.0 - 11.0 **Dilution:** 64 to 1 **Mix:** 2 oz. to 1 gallon water

Color: Pale blue/green **Type:** Liquid

Special Conditions: none

Available Sizes: LS4G – 4/1 Gallon, LS55 - 55 Gallon Drum



DFC 105 Carpet Cleaner/Rinse

This unique formulation removes surfactant residue build-up from carpets while neutralizing alkalinity. DFC 105 is the perfect choice to use in pre spray/rinse applications without leaving a residue. Restores the original “hand” to the carpet.

pH at use: 9.5 **Dilution:** 64 to 1 or 128 to 1 **Mix:**

Heavy residue rinsing: 2 oz. to 1 gallon of water

Light residue rinsing: 1 oz. to 1 gallon of water

Color: none **Type:** Liquid

Special Conditions: none

Available Sizes: DFC1054G – 4/1 Gallon, DFC1055G - 5 Gallon, DFC10555 - 55 Gallon Drum



Encapsulating Acid Rinse

Encapsulates damaging alkaline surfactant residues while neutralizing pH for easier removal when vacuumed. This high dilution ratio, economical, cost effective formula is safe to use on all carpet fibers, color safe, removes carpet browning, and keeps your equipment lines open.

pH at use: 4.2 to 4.7 **Color:** Yellow **Type:** Liquid

Dilution: 320 to 1

Mix:

Portable: 2 oz. to 5 gal **Truck mount:** 32 oz. to 5 gal stock tank

Special Conditions: Temperature sensitive above 240°F.

Available Sizes: EAR4G – 4/1 Gallon



All Fiber Textile Rinse

Safe for use on most natural and synthetic fibers. Can be used as a fiber prep as the first step in a re-dyeing process for on location nylon and wool dyeing. Effective in neutralizing urine residue (odor) prior to deodorization. Can be used to speed drying time for flood restoration.

pH at use: 2.5 - 3.5 **Color:** **Type:** Liquid

Dilution: **Mix:**

20 to 1 Truck Mount: 32 oz. to 5 gal stock tank

128 to 1 Spray Rinse: 1 oz to 1 gallon water

16 to 1 Urine Treatment: 8 oz to 1 gallon water

Special Conditions: Do not mix with oxidizers such as Energizer or Peroxide based cleaners

Available Sizes: AFTR4G – 4/1 Gallon, AFTR55 - 55 Gallon Drum



Foaming Detergent Products

Rich foaming products formulated to agglomerate and suspend soils from the surface for easy removal with extraction or vacuuming. Developed for use in mechanical agitation equipment that is designed to generate foam or use a shampoo, such as Dry Foam, Rotary Shampoo, Counter Rotation, Oscillating and Cylindrical type equipment. All Chemspec Foaming Detergent products impart anti re-soiling properties.

Formula 161



Anionic high foaming detergent; instantly emulsifies oily soil, agglomerates and suspends for easy removal. Use on carpets where petroleum oils are present such as industrial, manufacturing, warehousing, airports as well as office spaces. Encapsulates soil to extend carpet life and may be used in all types of carpet cleaning equipment that incorporate agitation.

pH at use: 8.5 - 9.5 **Color:** Clear yellow **Type:** liquid
Dilution: 16 to 1 or 20 to 1 **Mix:** 8 oz. to 1 gallon water or 6 oz. to 1 gallon water
Available Sizes: F1614G - 4/1 gallon, F1615G - 5 gallons, F16155G - 55 gallon drum



Enzyme Carpet Shampoo



High foaming catalytic action quickly and easily breaks down organic food based soils and oils, agglomerating and suspending for easy vacuum removal. Exceptional cleaning when used in restaurant, food service and cafeteria locations; deodorizes while it cleans.

pH at use: 8.5 - 9.5 **Color:** White **Type:** Powder
Dilution: 75 to 1 **Mix:** 2 scoops to 2 gallons water
Special Conditions: Temperature sensitive; works best at temperatures between 120°F to 160°F. Discard unused solution after 12 hours.
Available Sizes: ECSCS - 4/5 pounds

Professional Carpet Shampoo



Non-Ionic, high-quality shampoo with crisp-dry residues reduces re-soiling; produces a stable foam suspension for maximum recovery with systems incorporating a vacuum. Use in dry foam machines when mixed at 12 oz. to 1 gallon water (10 to 1).

pH at use: 8.5 - 9.5 **Color:** Clear yellow **Type:** Liquid
Dilution: 20 to 1 **Mix:** 6 oz. to 1 gallon water
Available Sizes: PCS4G - 4/1 gallon, PCS5G - 5 gallons, PCS55 - 55 gallon drum

ECOgent Carpet Cleaner



Plant based surfactant formulation that quickly emulsifies organic soils, agglomerates and suspends for safe carpet cleaning. Green Seal Certified, sustainable product that is easily rinsed with DFC 105 Carpet Cleaner/Rinse at 128 to 1. For use in all types of carpet cleaning equipment that incorporate agitation for maintenance of a LEED Certification.

pH at use: 4.0 - 5 **Color:** Clear **Type:** Liquid
Dilution: multiple **Mix:**
Greasy Soils: 10 oz. to 1 gallon of water
Heavy Duty Cleaning: 8 oz. to 1 gallon water
Light Duty Cleaning: 4 oz. to 1 gallon of water

Available Sizes: ECO4G - 4/1 gallon, ECO55G - 55 gallon drum



In-Plant Carpet and Rug Detergents

Chemspec started business in April 1968 by developing, manufacturing and supplying carpet and rug cleaning products for the in-plant rug cleaning operations east of the Mississippi River. Today these same products are used by many rug cleaning plants across the US and abroad. Formulations developed to safely and effectively clean some of the finest rugs in the world; Chemspec provides you the expertise and products for in-plant and on location carpet cleaning.

Double Strength In-Plant Detergent

Chemspec 1st product offer developed for Moore and Mercer Rug cleaning machines. This unique formulation provides a dilution ratio for concentrated stock of 28 to 1 (50 lbs. to 100 g), twice the dilution of competitive brands, 100% active ingredients, free rinses with warm water.

pH at use: 10.0 to 11.0 **Color:** White **Type:** Powder
Dilution: 28 to 1 – Stock, 320 to 1 – RTU **Mix:** See directions on label
Special Conditions: mix using hot water, Temperature sensitive above 220°F
Available Sizes: INDTBK - 50 Pounds



Phosphate Free In-Plant Detergent

Phosphate free formula offers a dilution ratio for concentrated stock of 28 to 1 (50 lbs. to 100 g), 100% active ingredients free rinses with warm water.

pH at use: 10.0 - 11.0 **Color:** White **Type:** Powder
Dilution: 28 to 1 – Stock, 320 to 1 – RTU **Mix:** See directions on label
Special Conditions: mix using hot water, Temperature sensitive above 220°F
Available Sizes: INPF50 - 50 Pounds

In-Plant for Wool

Lower pH for milder cleaning of wool rugs, phosphate free formula offers a dilution ratio for concentrated stock of 28 to 1 (50 lbs. to 100 g), 100% active ingredients free rinses with warm water.

pH at use: 8.5 - 9.5 **Color:** White **Type:** Powder
Dilution: 28 to 1 – Stock, 320 to 1 – RTU **Mix:** See directions on label
Special Conditions: mix using hot water, Temperature sensitive above 200°F
Available Sizes: INWOBK - 50 Pounds



Liquid In-Plant

A non-ionic detergent system with excellent emulsification and surfactant properties developed to solublize oily soils. This low foaming detergent freely rinses with cold water and offers a dilution ratio for concentrated stock of 20 to 1 (5 g to 100 g).

pH at use: 9.5 - 10.5 **Color:** Clear Yellow **Type:** Liquid
Dilution: 20 to 1 – stock, 320 to 1 – RTU **Mix:** See directions on label
Special Conditions: mix using hot or cold water, Temperature sensitive above 210°F
Available Sizes: LIIN55 - 55 Gallons, LIIN5G - 5 Gallons



In-Plant & On Location Carpet and Rug Products

Developed for use with portable equipment to clean rugs in-plant on tack boards or in pits as well as rug cleaning on location where fresh water rinsing is not practical or available. Formulations proven to safely and effectively clean some of the finest rugs in the world; Chemspec provides you the expertise and products for in-plant and on location carpet cleaning. All Chemspec Detergent products impart anti re-soiling properties.



Colorfast for Rugs

Anionic detergent designed for use in all types of HWE equipment for cleaning natural fiber rugs or carpets. Low pH effectively stabilizes dyes; reducing the risk of dye migrating, color loss and cellulosic browning.

pH at use: 2.5 - 3.5 **Dilution:** 16 to 1 **Mix:** 8oz. to 1 gallon water

Color: Clear yellow **Type:** Liquid

Special Conditions: avoid use on silk fibers as damage may result

Available Sizes: CFFR4G - 4/1 gallon



Oriental Rug Shampoo

pH neutral rich foaming shampoo for use in Dry Foam, Rotary Shampoo, Counter Rotation, Oscillating and Cylindrical type equipment. Effectively agglomerates and suspends imbedded soils safely from all synthetic, cotton and wool fibers.

pH at use: 7.0 - 8.0 **Dilution:** 16 to 1 **Mix:** 8 oz. to 1 gallon water

Color: Clear yellow **Type:** liquid

Special Conditions: None

Available Sizes: ORS4G - 4/1 gallon, ORS55 - 55 gallon drum



Rx for Fringe

Oxygen-releasing bleach developed for maximum fringe brightening of wool and cotton fringes. Removes browning or dye bleed from un-dyed cotton fringes. Will not damage or produce "dry rot" of natural fibers when used as directed.

pH at use: 9.5 - 10.5 **Dilution:** 250 to 1 **Mix:** 1/3 scoop to 1 gallon

Color: White **Type:** Powder

Special Conditions: Use with alkaline pH products only, requires cold water rinsing after whitening

Available Sizes: RXFRCS - 6/2.5 Pound Jar

Money Saving Tip

Due to the construction of most rugs; soil is buried in the foundation of the rug. When cleaning rugs on location; remove the rug from any underlayment or padding and place the rug face down on a heavy duty cotton painters' tarp. After inspecting the backing for wear and or stains, thoroughly vacuum the backing using a dual motor up-right vacuum that incorporates a beater bar/agitation combination brush. Cover any underlayment or padding with a 6 to 8 mil clear disposable plastic, treat any stains found on the backing and place the rug face up on top of the plastic. Thoroughly vacuum the rug with the same dual motor up-right vacuum. Comb the fringes, test the rug for color fastness and then proceed to clean the rug. Once dry; your customer can remove the plastic from under the rug and place her furniture back into position. This procedure prevents backing soil from wicking to the surface while the rug dries and thoroughly treats any stains reducing call backs.

Carpet and Rug Protectors

Fluorochemical formulations developed for superior abrasion and suspension resistance from traffic and spills using the same polymers used by carpet mills in Dalton GA. These formulations provide superior protection from all water, oil and soil conditions found in the home or commercial environment.

Stainshield® Professional

Suspends water based spills from the surface in excess of 6 minutes providing time for easy spill blotting. Will not “walk-off” carpet like most protectors on the market, prevents permanent adhesion under most conditions and is safe for use on all fiber types and wet-cleanable upholstery when properly applied.

pH at use: 6.5 - 7.5 **Dilution:** 4 to 1 **Mix:** 1 part to 4 part water

Color: Opaque, off-white **Type:** Liquid

Special Conditions: Apply to freshly cleaned damp carpet, for best protection follow label directions, do not allow freezing

Available Sizes: SSP4G – 4/1 Gallon



Stainshield® Professional RTU

All of the superior characteristics of Stainshield® Professional in a convenient ready-to-use formulation.

pH at use: 6.5 - 7.5 **Dilution:** Ready-To-Use **Mix:** Do not dilute

Color: Opaque, off-white **Type:** Liquid

Special Conditions: Apply to freshly cleaned damp carpet, for best protection follow label directions, do not allow freezing

Available Sizes: RTUSSP4G – 4/1 Gallon



Stainshield® Carpet Protector

Formulated with special surfactants for rapid penetration on dry fibers; Stainshield® Carpet Protector provides versatility of application protection for carpets that do not require cleaning or have been freshly cleaned. Safe for use on all fiber types found in carpets and rugs.

pH at use: 6.5 - 7.5 **Color:** Opaque, off-white **Type:** Liquid

Dilution: 4 to 1 or 8 to 1

Mix:

Clean Dry Carpet: 32 oz. to 1 gallon water

Clean Damp Carpet: 16 oz. to 1 gallon water

Special Conditions: May be applied to clean dry or damp carpet, do not allow freezing

Available Sizes: SSCPP4G – 4/1 Gallon, SSCP5G – 5 gallon



Carpet Protector 55

The same raw fluorochemical used in our Stainshield without the special surfactants.

pH at use: 6.5 - 7.5 **Dilution:** 15 to 1 **Mix:** 8.5 oz. to one gallon water

Color: Opaque, off-white **Type:** Liquid

Special Conditions: Do not allow freezing

Available Sizes: CP5530 - 30 Gallon Drum



Carpet and Rug Deodorization Products

Chemspec offers a complete line of deodorization products for all malodor problems from simple organic odors to complex chemical odor problems encountered during disaster clean-up and biological disinfection.

As with all deodorization issues; two key components are required to remediate the issue, 1st find the source of the problem 2nd attack the source with the right product to eliminate the problem.



Kill Odor Plus

Three unique products in one, Kill Odor Plus is a combination of aggressive emulsifiers and surfactants combined with a proprietary fragrance specific to modifying the odors urine produces. KOP is the best choice as a traffic lane pre conditioner, general purpose spotter and urine odor neutralizer. KOP is also an excellent choice for hard surface restroom clean-up.

pH at use: 6.5 - 7.5

Color: Clear Yellow

Type: Liquid

Dilution:

Application:

Mix:

RTU

Heavy Duty Spot Remover

Ready to Use

4 to 1

Spot and Odor Remover

32 oz. to 1 gallon cold water

10 to 1

Traffic Lane Cleaner, Encapsulation Cleaner

12 oz. to 1 gallon water

8 to 1

Restroom Restoration

16 oz. to 1 gallon cold water

16 to 1

Daily Maintenance

8 oz. to 1 gallon cold water

Special Conditions: mix using cold water

Available Sizes: KOP4G – 4/1 Gallon, KOP55 - 55 Gallons, KOP5G - 5 Gallons

Kill Odor

Extremely effective on mold and mildew odors as well as a general odor neutralizer, Kill Odor is available in two popular scents: citrus and regular. Kill Odor contains Intercept, an EPA Registered Antimicrobial for the prevention of mold and mildew.

pH at use: 6.0 - 7.0

Color: Clear liquid

Type: Liquid

Dilution:

Application

Mix:

4 to 1

Carpet Deodorizer

32 oz. to 1 gallon of water

128 to 1

Detergent/Rinse Additive

1 oz. to 1 gallon water

64 to 1

Hard surface deodorization

2 oz. to 1 gallon of water

Special Conditions: None

Available Sizes: REGULAR

CITRUS

KOR4G – 4/1 Gallons

KOC4G – 4/1 Gallons

KOR55 - 55 Gallon Drum

KOC55 - 55 Gallon Drum

KOR5G - 5 Gallons

KOC5G - 5 Gallons



Urine Contamination Treatment

Effective in neutralizing even the most stubborn urine problems. Unique solvent system containing surfactants to penetrate quickly. Can be used on carpets, fabrics and hard floor surfaces.

pH at use: 6.5 - 7.5

Dilution: 2 to 1

Mix: 1 part to 2 parts water

Color: Clear Yellow

Type: Liquid

Special Conditions: None

Available Sizes: UCT4G – 4/1 Gallon, UCTCS – 12/1 Liter



For odor remediation of chemical, organic and microbial disinfection issues, visit our Smoke-Solv, Odor-Solv and Zinsser Brand Product offerings on pages 31 through 38.

Carpet Specialty Products

Products developed over the years to solve cleaning problems that are not normally part of the cleaning process. Since the company's founding, Chemspec has always been a resource for cleaning information and innovative solutions to the cleaning problems the Professional Cleaner faces. As our industry develops and faces new cleaning challenges Chemspec responds with the solutions that save time and money.

Absorb-A-Stain

Highly absorbent powder used to stop wick-back problems that develop due to spills that penetrate into the padding and subfloor. Absorb-A-Stain is a non soluble powder blended with deodorizers that absorbs up to 75% of its weight in moisture. More effective than the towel and book method of treating wick-back stains.

pH at use: N/A **Dilution:** Ready-To-Use **Mix:** Do not dilute
Color: White **Type:** Powder

Special Conditions: Avoid use with acid pH based spotters or cleaning products
Available Sizes: AAS48 – 4/12 Pound Jar



Browning Treatment and Coffee Stain Remover

Unique ready-to-use formulation specifically designed to remove cellulosic browning from natural and synthetic fibers. Effectively removes all coffee, tea, soda and urine stain discolorations without the need to rinse.

pH at use: 4.0 - 5.0 **Dilution:** Ready-To-Use **Mix:** Do not dilute
Color: Clear, colorless **Type:** Liquid

Special Conditions: Avoid contact with stone surfaces
Available Sizes: BT4G – 4/1 Gallon, BT55 - 55 Gallon Drum



Citric Acid

Natural citrus based acid used to correct Acid Blocker Yellowing on 5th generation Nylon carpets at a 5% solution. Citric Acid is also highly effective at correcting BHT Yellowing caused by latex backing systems that wick to the surface due to heat and humidity and PVC Yellowing from vinyl based backings at a 10% solution. May also be used as an alkaline neutralizer at a 3% solution.

pH at use: 1.5 - 2.5 **Color:** White **Type:** Powder

Dilution:	Application	Mix:
52 to 1	Alkaline Neutralizer	2.5 oz. to 1 gallon of water
22 to 1	BHT Yellowing	6 oz. to 1 gallon water
11 to 1	PVC Yellowing	12 oz. to 1 gallon of water

Special Conditions: Avoid contact with stone surfaces
Available Sizes: CA32 – 4/8 lb. Jar



Rinse-All

A non foaming high emulsification booster/additive specifically developed to remove "loom oil" and other light weight oils typically used during fiber extrusion and woven carpet manufacturing. Rinse-All should be added to a quality ready-to-use HWE detergent/rinse product such as Liquid Formula 90 or Liquid Formula 77.

pH at use: N/A **Dilution:** 262 to 1 **Mix:** ½ oz. to 1 gallon RTU detergent

Color: White **Type:** Powder

Special Conditions: None

Available Sizes: RIAL24 – 4/6 lb. Jar



Carpet Specialty & Defoamers



Energizer

An oxygen detergent booster additive that whitens and brightens without bleaching. Energizer increases the efficacy of any alkaline cleaning product, enhances colors, deodorizes through chemical modification and saves you time by breaking down tough soils easily.

pH at use: 10 to 11

Color: White

Type: Powder

Dilution:

Application

Mix:

75 to 1

Foaming Detergent Booster

1 scoop to 1 gal. RTU solution

375 to 1

Detergent/Rinse Booster

1 scoop to 5 gal. RTU solution

225 to 1

Pre Conditioner Booster

1 scoop to 3 gal. RTU solution

225 to 1

Floor Finish Stripper Booster

1 scoop to 3 gal. RTU solution

Special Conditions: Do not use with acid pH cleaning products or spotters

Available Sizes: ENER12 – 6/2 lb. Jar, ENER32 – 4/8 lb. Jar, ENER15 – 15/8 oz. Jar



Crystal Defoamer

Extremely economical, highly effective defoamer designed to be broadcast over a dry carpet where foaming detergents have previously been used. Instantly soluble in water, kills foam at the source. Is also used to de foam waste tanks by vacuuming 1 oz. of crystal up the wet vacuum hose.

pH at use: N/A

Dilution: Ready-to-Use

Mix: Do not dilute

Color: White crystalline

Type: Powder

Special Conditions: Do not apply directly to wet carpet

Available Sizes: CDDR - 365 Pound Drum, CD32 – 4/8 lb. Jar, CDBK - 50 Pound Container



Super Concentrated Defoamer

High concentration silicone base designed to cling to stainless steel and resist washing off. This single pint of defoamer is equal to 4/1 gallons of normal defoamers on the market.

pH at use: N/A

Dilution: Ready-to-Use

Mix: Do not dilute

Color: Milky White

Type: Liquid

Special Conditions: Do not apply directly to wet carpet

Available Sizes: CLDCS – 12/1 pint



Liquid Defoamer

Laboratory tested to be superior to other defoamers currently on the market, for use in portable or truck mount waste tanks or can be misted into wand and pick-up hose to prevent foaming.

pH at use: N/A

Dilution: Ready-to-Use

Mix: Do not dilute

Color: Milky White

Type: Liquid

Special Conditions: Do not apply directly to wet carpet

Available Sizes: LD4G – 4/1 Gallon

Spotting Identification and Procedures

The older the spot the more difficult it becomes to identify. This is due to oxidation of the spot as it ages, and in some cases using the wrong spotter or reagent can turn a removable spot into a permanent spot. The following tip can help you easily identify the spot. Gently rub the spot with a clean, dry, white cotton terry cloth towel. If the spot feels sticky while you rub it the spot is water based. If the spot feels slippery, the spot is petroleum based. Look at the towel after you rub the spot, some of the original color of the spot will transfer to the towel. If there is no color transfer you have a stain on the carpet or color loss.

Water Soluble Spots

<u>Enzymatic</u>	<u>Enzymatic</u>	<u>Enzymatic</u>	<u>Detergent / Specialty</u>	<u>Detergent / Specialty</u>
Blood	Feces	Margarine	Copier Toner (DRY)	Latex Paint (WET)
Body Fluids	Food Grease	Mustard	Betadine	Mildew
Body Oils	Food Oil	Soda	Floor Finish (acrylic)	Mold
Butter	Fruit Juices	Tea	Floor Finish (urethane)	Mud
Chocolate	Grass	Urine	Hair Dye	Rust
Coffee	Gravy	Vomit	Iodine	
Curry	Ice Cream	Wine		
Eggs	Jams & Jelly			

Solvent Soluble Spots

<u>Solvent Based</u>	<u>Solvent Based</u>	<u>Solvent Based</u>	<u>Specialty / Combination</u>	<u>Alcohol Based</u>
Acrylic Paint	Engine Oil	Shoe Polish	Body Wax	Adhesives
Adhesives	Furniture Stains	Silicone Sealant	Candle Wax	Benzyl Peroxide
Body Wax	Latex Paint (DRY)	Tar	Chewing Gum	Floor Wax
Candle Wax	Lip Stick	Wood Glue	Cosmetics Facial	Furniture Stains
Chewing Gum	Lubrication Oil		Soil Filtration	Ink
Crayons	Nail Polish		Soot	
Engine Grease	Pipe Thread Compound		Copier Toner (Liquid)	

Special Conditions

<u>CONDITION</u>	<u>PRODUCTS</u>
Yellowing / Browning	Acetic Acid, Citric Acid, Reducing Agent, Rust Remover, Haitian Cotton Shampoo
Pinking	Ammonia 7%
Dyes - Synthetic	Detergent, Solvent, Alcohol
Dyes - Natural "food"	Enzymatic, Detergent, Help Mate Coffee Stain Kit
Pigments	Alcohol Based or Solvent Based
Wick Back	Absorb A Spill
Soil Filtration	Solvent, Detergent

the **Professional's Spotting Kit**

Premier performance, on the spot!

Chemspec offers the most comprehensive arsenal of spotting agents to eliminate even the toughest, hardest to remove spots. Virtually all spots come clean with Chemspec's Professional Spotting Kit.

Economical!

The Chemspec Professional Spotting Kit is economical. It contains a generous supply of the proper spot removal solutions and the proper equipment to dispense the solution most efficiently and cost effectively. Designed to be reusable, handy refills are available making the basic spotting kit a "one-time purchase."



Everything you need in one convenient carrying case!

The convenient, chemical resistant, waterproof, high-impact, space-age polymer carrying case includes all the necessary chemicals and supplies for efficient, easy spot or stain removal. The case's molded one-piece design keeps bottles and equipment secure.

We eliminated unnecessary trays, zippers and pockets so you never have difficulty finding what you need.

Easy to use!

The Chemspec Professional Spotting Kit is easy to use and requires no special training. Complete, easy-to-follow instructions are located in the inside of the carrying lid. These instructions are laminated, for easy wipe off, to help keep them clean and easy to read.

Effective on virtually all stains—including these hard-to-remove Spots and Stains:

Ber, Blood, Candy, Coffee, Tea and Cola, Chocolate, Ink, Chewing Gum, Rust, Soft Drinks, Grease, Lipstick, Urine, Nail Polish, Crayons, and Paint

Kit Contents:

Each Chemspec Professional Spotting Kit contains the following: Spotters

Neutral Spotter	Reducing Agent
Rust Remover	
Acid Spotter	P.O.G. Rinse
Alkaline Spotter	Dry Fabric Cleaner
Liquid Enzyme Spotter	Pet Odor & Stain Remover
Green P.O.G.	Green Liqua-Gel

Accessories:

Refill Funnel	Nylon Tamping Brush
pH Paper	Cotton Swabs
Measuring Spoon	Metal "bone" Tool

Spotting Products

Economical and convenient quart refills for the Professional's Spotting Kit as well as standalone spotting products for those special spotting needs. Chemspec maintains its tradition of providing the Professional Carpet Cleaner with the most comprehensive selection of chemical solutions to meet the challenges of today's cleaning environment.

Acetic Acid 5%

Industrial strength natural acid used to reverse some browning problems and as an alkaline indicator. May be added to products as an accelerator if indicated on label.

pH at use: 2.0 - 3.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Do not mix with Oxidizers, avoid contact with natural stone

Available Sizes: AAC5 – 12/1 Quart



Ammonia 7%

High percentage non detergent ammonia used to reverse acid problems such as acid indicator dye "pinking". This professional strength product is also used to liquefy acrylic finishes and charge peroxide based cleaners.

pH at use: 12.0 - 13.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Do not mix with Reducers

Available Sizes: AMMOCS – 12/1 Quart



Neutral Detergent

pH neutral, non-ionic detergent specifically designed to neutralize and flush harsh spotting agents from carpet. Leaves crisp, dry residue for easy vacuum removal.

pH at use: 7.0 – 7.5 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: NDCS – 12/1 Quart



Reducing Agent

Removes brown discoloration from coffee, tea, soda, urine and other cellulosic problems. May be used on red stains when mixed with acetic acid and used with heat transfer method.

pH at use: 5.5 - 6.5 **Dilution:** 430 to 1 **Mix:** 1 teaspoon to 8 oz. of water

Color: White **Type:** Powder

Special Conditions: Do not mix with Oxidizers

Available Sizes: RACS – 12/1 Pound Jar



Spotting Products



Rust Remover

Quickly attacks unsightly rust spots allowing the original surface colors to reappear. Rust Remover is safe on dyes and should be rinsed with a quality alkaline detergent.

pH at use: 5.5 - 6.5 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Neutralize with alkali detergent, avoid contact with natural stone

Available Sizes: RRCS – 12/1 Liter



Chewing Gum Remover

Instant freeze to quickly harden chewing gum, tar, candle wax and soft paint for easy removal

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear, yellow gel **Type:** Gel Liquid

Special Conditions: Shake well before use, remove residue with Professional Spot Lifter

Available Sizes: CGRCS – 12/9 Ounce Can



Liqua-Gel

The only solvent that can be applied directly to carpet. Removes tar, grease, ink, gum, glue, oils, adhesives and other stubborn spots. Dries from outside in for longer dwell time. Will not delaminate carpet backing when properly used.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear, yellow gel **Type:** Gel Liquid

Special Conditions: Shake well before use, remove residue with Professional Spot Lifter - NOT

AVAILABLE IN CALIFORNIA

Available Sizes: LGCS – 12/16 Ounce Bottle



Professional Spot Lifter

Unique blend of emulsifiers and foaming surfactants developed to produce a superior general purpose spotter for the residential and commercial environment. Professional Spot lifter is effective at removing: coffee, tea, beverage stains, Betadine, ball point pen ink, dry and wet toners, wine, blood, grease, oil, light tar, body wax and more. This product should also be used to remove Liqua-Gel and POG residues before they are rinsed.

pH at use: 8.5 - 9.5 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Shake well before use

Available Sizes: PSL4G – 4/1 Gallon, PSLCS – 12/1 Liter



Paint, Oil & Grease Remover (P.O.G.)

Safely removes paint, oil, grease, tar, shoe polish, ballpoint pen, marking ink, nail polish, oxidized oil and more! Emulsifiable solvent system - can be diluted 4 to 1 with water. Grease removing solvency of dry solvents without the cost. Rinse thoroughly to avoid re-soiling after use.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Neutralize using Professional Spot Lifter then rinse with a Chemspec detergent - NOT AVAILABLE IN CALIFORNIA

Available Sizes: POGCS – 12/1 Quart

Spotting Products

Dry N Wet Spotter

Safely removes paint, oil, grease, tar, shoe polish, ballpoint pen, marking ink, nail polish, oxidized oil and more! Emulsifiable solvent system - can be diluted 4 to 1 with water. Grease removing solvency of dry solvents without the cost. Rinse thoroughly to avoid re-soiling after use.

pH at use: N/A **Dilution:** 4 to 1 **Mix:** 32 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: Neutralize using Professional Spot Lifter then rinse with a Chemspec detergent – NOT AVAILABLE IN CALIFORNIA

Available Sizes: DWS4G – 4/1 Gallon



Wet Solvent

Water based solvent, effective on grease, tar, pen inks and furniture stains. Great for difficult to remove stains on traffic lane areas. No rinse volatile formula effectively rinses blended solvent spotter such as P.O.G.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: NOT AVAILABLE IN CALIFORNIA

Available Sizes: PSL4G – 12/1 Liter



Help Mate Coffee Stain Remover Kit

The original 2 part kit co-formulated with BASF Labs to remove tough Turkish coffee stains, orange soda and Red Dye #40 (Kool-Aid) from 6 and 6.6 Nylon without using the heat transfer method. No other kit in the industry removes dye stains as easily and effectively as this kit. Simply mix, spray down onto the stain and allow to dry, the stain is gone **Guaranteed!**

pH at use: 9.5 to 10.5 **Dilution:** 1 to 1 **Mix:** Equal parts A & B solution into applicator bottle

Color: Clear **Type:** Liquid

Special Conditions: See inside box cover for complete list of stains and directions

Available Sizes: HMCSKCS – 5 kits / Case



Spray N Go

Mix with hot water to remove all brown stains including coffee, tea, soda, cellulosic browning and trash bag drip lines. Apply to cotton fringes as well as raw cotton fabrics to reverse browning.

pH at use: 5.5 to 6.5 **Dilution:** 18 to 1 **Mix:** 1 scoop to 1 quart hot water

Color: White **Type:** Powder

Special Conditions: Mix with hot water, avoid contact with oxidizers

Available Sizes: SNGCS – 6/2 lb. Jar, SNGDR – 365 lb. Drum, SNGKT – 1 Kit



Red Stain Remover

Red Stain Remover is a unique blend of oxygenating and reducing detergents that quickly removes Kool Aid®, Red Wine, Cranberry, Grape Juice and Mercurochrome® from synthetic carpet without using a heat transfer process. A two part system designed and tested to remove red stains instantly, RSR is a reactive process that uses the power of oxygen to remove red stains.

pH at use: 7 **Dilution:** 1 to 1 **Mix:** Mix equal parts A & B

Color: Clear **Type:** Liquid

Special Conditions: Avoid contact with reducers

Available Sizes: RSRCs – 6 Kits / Case



After Market Consumer Products

The original consumer spotting kit developed by Chemspec and sold by leading national carpet cleaning companies for 30 years! Help Mate Kits answer the consumer question “what do I use after you clean my carpet”? Developed specifically to be effective yet safe for the consumer, the Help Mate kit has easy to follow instructions on the inside cover. Don’t leave money on the table, offer your customer Help Mate.



Help Mate 2 Part Spotting Kit

For the older home owner who doesn’t have kids or pets, each kit includes an effective detergent solution for removing water-based spots such as mud, coffee and milk and a solvent solution to remove oil-based spots such as gravy, lipsticks and auto grease. Each kit has an easy-to-read stain removal guide on the package. Safe for use on carpet and upholstery when used as directed.

Available Sizes: HMSK12 – 12 Kits / Case



Help Mate 3 Part Spotting Kit

For the home owner who has kids or pets each kit includes an effective detergent solution for removing water-based spots such as mud, coffee and milk, a solvent solution to remove oil-based spots such as gravy, lipsticks and auto grease and Absorb-A-Spill for soaking up pet accidents and spills. Each kit has an easy-to-read stain removal guide on the package. Safe for use on carpet and upholstery when used as directed.

Available Sizes: HMSKR5 – 5 Kits / Case



Help Mate Absorb-A-Spill

Kids and pets have accidents! Absorb-A-Spill is perfect for those spills. This highly absorbent non soluble powder is blended with deodorizers that absorbs up to 75% of its weight in moisture. Lifts liquid spills from under the carpet like tiny sponges. Just sprinkle on, let dry thoroughly and vacuum off. Absorb-A-Spill dries to fine powder and is safe for use on carpet and upholstery when used as directed.

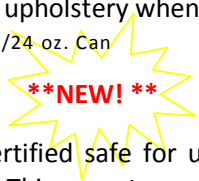
Available Sizes: HMAASC5 – 12/24 oz. Can



ECOgent Family Pack

General Purpose cleaner certified safe for use by those who suffer from asthma or have chemical sensitivities. This easy to use self-contained system comes complete with a water bottle, product bottle and a dial-a-clean trigger sprayer. Simply fill the water bottle with tap water set the dial-a-clean trigger to the desired setting and safely clean kitchens, bathrooms, windows, floors, walls any wet cleanable surface inside or outside the home.

Available Sizes: EFP – Each



Money Making Tip

Selling these products to your customer is easy! Simply bring an unwrapped kit into your customers’ home and place it on her coffee table. Your customer will ask all the questions. These products are an “ice breaker”; a conversation starter and puts your customer at ease because she knows you care about her and her home.

Upholstery Cleaning

Chemspec offers a broad range of products to clean fabrics safely and effectively. Whether you use HWE equipment or prefer to clean by hand, our products produce results and satisfied customers. With 40 years of experience developing, manufacturing and supplying cleaning solutions, Chemspec is the choice Professional chose.

Upholstery Pre Conditioners

PreKleen for Upholstery

Safe, pH neutral enzymatic pre conditioner formulated to emulsify oils and soils typically found on upholstery fabrics. This safe – effective, powdered enzyme pre conditioner breaks down blood, urine, feces, vomit, cooking oil, body oil as well as petroleum oil quickly and effectively. PreKleen for Upholstery requires 5 minute dwell time.

pH at use: 6.5 to 7.5 **Dilution:** 19 to 1 **Mix:** 1 scoops to 1 quart hot water

Color: Off white **Type:** Powder

Special Conditions: Temperature sensitive; works best at temperatures between 120°F to 160°F. Discard unused solution after 12 hours.

Available Sizes: PFU24 – 4/6 Pound Jars



Heavy Duty Soil Lifter

Water soluble upholstery pre conditioner formulated to emulsify petroleum based oils and soils. This multi function product may also be used as a spotter for ball point pen ink, grease, oil, body wax, soil filtration, a booster for OMS based dry cleaning solvents and as a carpet pre conditioner for heavy oil impacted olefin carpets.

pH at use: 7.5 - 8.5 **Color:** Clear, yellow **Type:** Liquid

Dilution:

10 to 1

Ready-to Use

Mix:

Upholstery wet cleaning & spotter:

12 oz. to 1 gallon of water

Upholstery dry cleaning pre-spray:

Do not dilute

Dry Fabric Cleaner booster:

Do not dilute

Pre Conditioner for carpeting:

25 oz. to 1 gallon water

Special Conditions: Requires adequate ventilation

Available Sizes: HDSL4G – 4/1 Gallon, HDSL55 - 55 Gallon Drum, HDSL5G - 5 Gallon



Upholstery Dry Cleaning Products

Dry Fabric Cleaner

Non-chlorinated solvents used for hand cleaning upholstery method or solvent approved upholstery extractors, may also be used as spotter for oily or greasy stains.

pH at use: N/A **Dilution:** N/A **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Requires adequate ventilation

Available Sizes: DFC4G – 4/1 Gallon, DFC5G - 5 Gallon



Dry Cleaning Concentrate

Solvent soluble detergency charge formulated to improve efficacy of non-chlorinated dry cleaning products.

pH at use: N/A **Dilution:** 32 to 1 **Mix:** 4 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: DCC4G – 4/1 Gallon



Upholstery Detergent/Rinse Products



Powdered Extraction Upholstery Cleaner

Mild alkaline pH cleaner developed for cleaning most natural and synthetic fibers with HWE equipment. This special blend of surfactants and emulsifiers is color safe for most fabrics. Always test for colorfastness before use.

pH at use: 8.0 to 9.0 **Dilution:** 75 to 1 **Mix:** 1 scoop to 1 gallon water

Color: White **Type:** Powder

Special Conditions: Not recommended for Acrylic fiber

Available Sizes: PEUC32 – 4/8 lb. Jar



Colorfast Extraction Upholstery Cleaner

Aggressive acid pH cleaner developed for cleaning all natural and synthetic fibers that have the potential to bleed color with HWE equipment. This special blend of surfactants and emulsifiers is color safe for fabrics. Always test for colorfastness before use.

pH at use: 3.0 to 4.0 **Dilution:** 6 to 1 **Mix:** 18 oz. to 1 gallon water

Color: Clear yellow **Type:** Liquid

Special Conditions: Not recommended for silk fiber

Available Sizes: CEUC4G – 4/1 Gallon



Powdered Haitian Cotton Upholstery Cleaner

Mild acid pH cleaner developed for cleaning raw cotton fabrics with HWE equipment. This special blend of surfactants, emulsifiers and reducing agents is color safe for most fabrics. Use to remove browning from previous alkaline cleanings. Always test for colorfastness before use.

pH at use: 5.5 to 6.5 **Dilution:** 37 to 1 **Mix:** 2 scoops to 1 gallon water

Color: White **Type:** Powder

Special Conditions: Not recommended for silk fiber

Available Sizes: PHCC24 – 4/6 lb. Jar

Tips to Testing Fabrics

Fabrics can lose color for many reasons, some of them not cleaning related. To avoid color loss or color migration when you clean upholstery follow these simple testing tips. Using a clean, white, dry cotton terry cloth towel gently wipe all areas of the fabric; including the crevices. Look at the towel for color transfer, if color is present; the fabric dry cracks, do not attempt to clean or vacuum as color loss will occur. If no color transfer is evident; lightly mist the towel with fresh warm water repeating the same process as in step one. If color transfer is present; the fabric wet cracks, and will transfer color with perspiration from the body when used. With wet cracking your only possible cleaning option is vacuum and dry cleaning.

Testing for colorfastness, always test the fabric in an inconspicuous area, with your cleaning product a use dilution and at the temperature you use to clean at. Soak the end of a clean, white, dry cotton terry cloth with your cleaner and place the fabric between the terry towel pinching the fabric for 10 to 20 seconds. Remove the towel and look for color transfer. If you see color on the towel, change your cleaner or the temperature of the solution and test again. If no color transfer is visible, allow the test fabric to completely dry and look for color change or migration of one color to another then gently wipe the fabric with the dry terry towel. If no color change is evident proceed to cleaning the fabric.

Color change and color bleeding generally occurs while the fabric is drying, not before. Testing is critical to avoid damage and potential loss as well justifying a higher price for the work you do. For more information on fabric cleaning order Chemspec's Fine Fabric Cleaning and Care Manual, an authoritative book on the cleaning and care of upholstered fabrics.

Foaming Upholstery Detergent/Rinse Products

Fast Dry Upholstery Shampoo

Mild alkaline pH high foaming detergent; instantly emulsifies oily soil, agglomerates and suspends for easy removal when used in hand cleaning processes. Fast Dry incorporates special drying agents to speed the drying process.

pH at use: 7.0 to 8.0 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear yellow **Type:** Liquid

Special Conditions: None

Available Sizes: FDUS4G – 4/1 Gallon



Haitian Cotton Upholstery Shampoo

Mild acid pH cleaner developed for cleaning raw cotton fabrics by hand. This special blend of surfactants, emulsifiers and reducing agents is color safe for most fabrics. Use to remove browning from previous alkaline cleanings. Always test for colorfastness before use.

pH at use: 5.0 to 6.0 **Dilution:** 4 to 1 **Mix:** 32 oz. to 1 gallon water

Color: Clear yellow **Type:** Liquid

Special Conditions: Not recommended for silk fiber

Available Sizes: HCUS4G – 4/1 Gallon



Fabric Protection - Specialty Products

All Fabric StainShield

Low VOC, exceptional fabric protection against water, oil and dry soil exposure for the home or office. All Fabric StainShield is a blend of fluorochemical polymers, surfactants and solvents that protects and aids in the drying process after cleaning. Apply to new fabrics to protect from spills and prolong the new fabric look.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Clear **Type:** Liquid

Special Conditions: Requires 24 to 48 hour cure time

Available Sizes: AFSS4G – 4/1 Gallon, AFSS55 – 55 Gallon Drum



Leather Cleaner and Conditioner

Originally developed for aniline dyed automotive leather to clean and restore the oils lost due to the baking of the sun. Leather Cleaner and Conditioner produces exceptional cleaning of aniline dyed leather while returning the skin to its original suppleness. May also be used to clean Vinyl.

pH at use: 8.0 to 9.0 **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Creamy yellow/ white **Type:** Liquid

Special Conditions: Shake well before use

Available Sizes: LCCS – 12/1 Quart, LCKT – 1 Kit



Low Moisture Cleaning Products

Chemspec introduced Low Moisture Cleaning products in the late 1970's with the introduction of the Chemstractor. Low Moisture Cleaning is critical when minimal down time is required and the carpet must look its best.



Roto-Brite II

Mild acid pH encapsulating cleaner with the power of hydrogen peroxide specifically developed to remove the spots, spills and stains typically found in the commercial cleaning environment. Roto Brite II is non-surfactant based an ideal product for use in Low Moisture Cleaning Applications such as spray bonnet and cylindrical brush applications where high carpet maintenance rates are performed and residues are critical. Roto-Brite II will not brown, will not cause re-soiling and will not leave surfactant residues that contribute to re-soiling and carpet yellowing. Effectively removes surface soils, beverage stains such as Coffee, tea and soda from the surface as well as light ball point pen ink, greases, oils and tars.

pH at use: 6.5 to 7.0 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: NRRB24G – 4/1 Gallon



Soil Retardant Roto-Brite

A blend of water soluble solvents, surfactants and StainShield developed for routine carpet maintenance applications using Low Moisture Cleaning methods. Soil Retardant Roto-Brite is the original encapsulation maintenance product introduced in the early 1990's specifically developed to meet the demanding needs of the commercial carpet maintenance market.

pH at use: 8.5 to 9.5 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear yellow **Type:** Liquid

Special Conditions: None

Available Sizes: SRRB4G – 4/1 Gallon, SRRB5G – 5 Gallons, SRRB55 – 55 Gallons



Non-Residual Roto-Brite

A blend of fast drying water soluble solvents formulated specifically for the removal of surface oils and soils using the spray bonnet Low Moisture Maintenance process. Non-Residual Roto-Brite evaporates quickly allowing the carpet to be placed back into service with minimal down time.

pH at use: 8.5 to 9.5 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: Requires adequate ventilation- NOT AVAILABLE IN CALIFORNIA

Available Sizes: NRRB4G – 4/1 Gallon



3 Easy Steps to Re-Finishing and Profits

Clean, Prep and Re-Finish. The Wood-Solv urethane wood floor re-finish system restores the natural look and luster of any wood floor in the home or office with any easy to apply, extremely durable catalyzed urethane finish. This unique system requires no sanding and dries within 1 hour between coats providing the Professional Carpet Cleaner the ability to offer a same day service that takes others days to do. Add on business at a fraction of the time and expense!



Before Wood-Solv



After Wood-Solv

Wood Floor Cleaner

Alcohol based non residual detergent cleaner specifically formulated to remove oils, grime and heel marks from wood floors without damaging the existing finish or wood floor.

pH at use: 9.5 - 10.5 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: best applied using a microfiber flat mop

Available Sizes: WSWFC4G – 4/1 Gallon, WSWFCCS – 12/1 Quart



No-Sanding Prep

Formulated to remove wax and soften the existing urethane finish providing “tooth” for the new catalyzed urethane finish. No-Sanding Prep also strips Acrylic finishes and consumer waxes mistakenly applied to the urethane.

pH at use: 9.5 - 10.5 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear Green **Type:** Liquid

Special Conditions: Do not allow to dry, rinse with cold fresh water after use

Available Sizes: WSNP4G – 4/1 Gallon



Wood-Solv Finish

Water based, catalyzed urethane finish produces a 9H pencil hardness with a 1 hour dry time, 24 hour total cure time.

pH at use: N/A **Dilution:** N/A **Add:** 4 oz. Wood-Solv Catalyst

Color: Clear **Type:** Liquid

Special Conditions: Do not Shake, Do not allow to Freeze

Available Sizes: WSGFCS - Gloss – 4/1 Gallon, WSSF4G - Satin – 4/1 Gallon, WSSGF4G - Semi-gloss – 4/1 Gallon



Wood Floor Repair Products

Use what the Professionals use to repair gouges and deep scratches in wood... Dap. Dap, a sister company of Chemspec, has been used by professional wood restoration companies for years to repair damaged fine wood surfaces. Chemspec offers Dap products at a fraction of the cost of the retail store.



DAP WOOD REPAIR KIT

Two Wood Stain Pens (Light and Dark), each with a premium felt tip, ideal for color blending and the repair of scratches on woodwork, furniture and paneling. Also included are four colored blending sticks and application tools to repair minor defects in any finished wood surface.

pH at use: N/A **Dilution:** Ready-To-Use **Mix:** Ready-To-Use

Color: Varies **Type:** N/A

Special Conditions: For interior use only

Available Sizes: 97500 - 1 Kit



Dap Blend Sticks

The quick, easy way to repair nail holes, scratches and other minor blemishes in finished wood surfaces. Its unique teardrop shape makes it easier to use than other blending products. It will not shrink, stain or discolor.

pH at use: N/A **Dilution:** Ready-To-Use **Mix:** Ready-To-Use

Color: Varies **Type:** Wax

Special Conditions: For interior use only

Available Sizes: 4080 - Light Woods, 4083 - Red Woods, 4085 - Dark Woods



Dap Finishing Putty

Smooth, easy-working putty that quickly repairs minor scratches and holes in interior surfaces. Resists oil bleeding. Recommended for filling and hiding countersunk nail holes, gouges, scratches and mitre joints.

pH at use: N/A **Dilution:** Ready-To-Use **Mix:** Ready-To-Use

Color: Varies **Type:** Putty

Special Conditions: For interior use only

Available Sizes: 21245 – Finishing Putty (White), 21250 – Finishing Putty (Cherry), 21262 - Finishing Putty (Red Oak)



An RPM Company

Commercial Carpet Care Products

Chemspec Commercial Products offer the same quality and performance of Chemspec Professional Products at dilutions and prices that make sense in the Janitorial Market. These labor saving products use Chemspec formulas as the benchmark for efficacy, reformulated to dilutions that fit within the contract cleaners business and cleaning methods.

Carpet Pre Conditioners

Commercial Olefin Pre Spray

Blend of special solvents formulated to break down the petroleum oils that olefin loves to attract. Use as a pre-spray before extraction cleaning carpets exposed to soil from the street, parking lot, garage, warehouse and manufacturing plants.

pH at use: 12 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Green **Type:** Liquid

Special Conditions: Avoid use on wool, 5 minute work time

Available Sizes: CCOP4G – 4/1 Gallon, CCOP55 – 55 Gallon



Commercial Traffic Lane Cleaner

Pre-spray formulated to break down the oils and soils found in the office environment before extraction cleaning.

pH at use: 10.5 to 11.5 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon

Color: Clear Green **Type:** Liquid

Special Conditions: 5 minute work time

Available Sizes: CCTLC4G – 4/1 Gallon



Carpet Extraction Cleaner

Commercial Carpet Extraction Cleaner

Highly efficient detergent designed for use in self contained, walk be-hind and portable extraction equipment with or without heat. Dries to a crisp residue that is easily removed with regular vacuuming.

pH at use: 9.5 to 10.5 **Color:** Clear Yellow **Type:** Liquid

Dilution: **Mix:**
64 to 1 2 oz. to 1 gallon water for Heavy Cleaning
128 to 1 1 oz. to 1 gallon water for Normal Cleaning

Special Conditions: None

Available Sizes: CCCE4G – 4/1 Gallon



Carpet Maintenance Cleaner

Commercial Carpet Bonnet Cleaner

Formulated with fluorochemical polymers to encapsulate soils and oils, use in any form of Low Moisture Encapsulation cleaning system for superior soil removal and carpet protection. Residues easily remove with regular vacuuming.

pH at use: 8.5 to 9.5 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: clear yellow **Type:** Liquid

Special Conditions: None

Available Sizes: CCBC4G – 4/1 Gallon, CCBC55 – 55 Gallon



Carpet Specialty Products



Commercial Anti Stat

When electronic equipment keeps on resetting you have a static problem. Our Anti Stat is a special blend of wetting agents and colloidal silica that dissipates static buildup will not re-soil and will not wear off with traffic.

pH at use: 4.0 to 5.0 **Dilution:** 2 to 1 **Mix:** 1 gallon to 2 gallons water

Color: Clear **Type:** Liquid

Special Conditions: Not freezable, avoid over concentration during application

Available Sizes: CCAS4G – 4/1 Gallon



Commercial Browning Treatment

Brown stains from coffee, tea, soda and trash bag liner trails disappear when you use Browning Treatment. Simply spray onto the stain and allow to air dry. Non re-soiling and non discoloring.

pH at use: 4.0 to 5.0 **Dilution:** Ready-to-Use **Mix:** No mixing required

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: CCBT4G – 4/1 Gallon



Commercial Defoamer

Superior to other defoamers currently on the market, for use in portable, self contained or walk-behind waste tanks to kill foam fast or can be misted into wand and pick-up hose to prevent foaming.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** No mixing required

Color: Milky **Type:** Liquid

Special Conditions: None

Available Sizes: CCD4G – 4/1 Gallon



Commercial Citra Clean

Food grade d-Limonene blended with special wetting agents for degreasing food and petroleum oils. This multi function product may be used as a spotter for ball point pen ink, grease, oil, body wax, soil filtration, copier toner, and as a booster for Traffic Lane Cleaner, Carpet Extraction Cleaner. Use as a carpet pre conditioner for heavy oil impacted olefin carpets and a hard surface degreaser.

pH at use: 7.5 - 8.5 **Color:** Clear, yellow **Type:** Liquid

Dilution: **Mix:**

64 to 1 **Booster:** 2 oz. to 1 gallon RTU cleaner

16 to 1 **Hard Surface Degreaser:** 8 oz. to 1 gallon water

10 to 1 **Carpet Spotter:** 3 oz. to 1 quart of water

5 to 1 **Pre Conditioner for Olefin:** 24 oz. to 1 gallon water

Special Conditions: None

Available Sizes: CCCC4G – 4/1 Gallon

VCT Floor Care Products

Products formulated for the contractor who maintains floors in the office building environment. As part of the RPM family of companies Chemspec draws on the expertise of several of the leading companies in the floor coating industry within the family to offer products that perform.

Floor Maintenance

Commercial Neutral Floor Cleaner

Designed to effectively clean and enhance floor finishes without hazing or damaging them. Non-foaming, pleasantly scented. Use for mopping, automatic scrubbing or low speed machine cleaning.

pH at use: 6.5 to 7.5 **Dilution:** 64 to 1 **Mix:** 2 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: CCNFC4G – 4/1 Gallon, CCNFC5G – 5 Gallon, CCNFC55 – 55 Gallon



Commercial Restorer/Spray Buff

Restores shine as spray buff or mop-on restorer. Use with low or high speed equipment. Excellent for high traffic area floor finishes.

pH at use: 8.0 to 9.0 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: CCRSB4G – 4/1 Gallon, CCRSB5G – 5 Gallon



Floor Stripping

Commercial High-Power Floor Stripper

No rinse formula with excellent wetting and emulsification properties removes tough build-up leaving behind a pleasant fragrance. This low foaming and quick acting formulation saves you time and labor.

pH at use: 12.0 to 13.0 **Dilution:** Multiple **Mix:** See Label

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: CCHPFS4G – 4/1 Gallon, CCHPFS5G – 5 Gallon





Commercial High-Shine 21

A 21% solids floor finish designed to withstand heel marks, soil, scuffs and high foot traffic. Quick drying, leveling and adhesion properties. Provides optimum buff response with a dramatic “wet” look. Use with low, high or ultra-high speed buffers.

pH at use: 8.0 to 9.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear Milky **Type:** Liquid

Special Conditions: None

Available Sizes: CCHS214G – 4/1 Gallon,



Commercial High-Shine 25

25% solids durable metal cross-linked polymer produces a tough, non-powdering “wet” look finish. Withstands the heaviest foot traffic. Provides long lasting protection on resilient and non-resilient floors. Use with low, high or ultra-high speed buffers.

pH at use: 8.0 to 9.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear Milky **Type:** Liquid

Special Conditions: None

Available Sizes: CCHS254G – 4/1 Gallon, CCHS255G – 5 Gallon



Commercial Tight Shine

Durable, urethane fortified, metal cross-linked acrylic polymer finish minimizes scuffs, scratches and heel marks. Formulated for fewer coats and faster dry times than standard conventional finishes. Keeps “wet” look longer with fewer burnishings. Use with ultra-high speed buffers and burnishers.

pH at use: 8.0 to 9.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear Milky **Type:** Liquid

Special Conditions: None

Available Sizes: CCTS4G – 4/1 Gallon, CCHTS5G – 5 Gallon, CCTS55 – 55 Gallon



Smoke-Solv

FIRE! Whether the situation is a furnace puff-back, kitchen fire or a more serious problem, Chemspec has supplied the products to deodorize and clean the structure and its contents to the Professional Cleaner/Restorer for more than 30 years.

Classes of Smoke (Soot)

Wet Smoke

Is generated by low heat, smoldering fires, this class of soot has a pungent odor, that leaves a sticky, smeary coating which is difficult to clean. Fuel Oil Soot falls into this class and is caused by furnace puff-backs where excess old fuel oil residues are ignited outside of the combustion chamber.

Dry Smoke

Is generated by fast burning fires that generate high temperatures, this class of soot contains extremely small particles and is highly penetrating.

Protein

Caused by the combustion of meat and meat byproducts, this class of soot is virtually invisible, and has an extremely pungent penetrating odor that discolors paints & varnish.

Other types:

Tear Gas: A clear, oily, penetrating smoke that causes irritation to the mucus membranes.

Finger Print Powder: A sticky, oily residue powder that requires special cleaning to remove.

Fire Extinguisher Residue: Dry powder containing chemical deoxidizers that are sticky and cause discoloration.

Product Classification and Use

<u>Product Name</u>	<u>Class</u>	<u>Use</u>
Solvent Based Thermal Fogging Agent	Molecular Modifier	Eliminates wet and dry smoke odor
Water Based Thermal Fogging Agent	Molecular Modifier	Eliminates wet smoke odors
Smoke Odor Sealer with Deodorizer	Encapsulant/Modifier	Seals soot onto ducts and walls
Kill Odor Mist	Molecular Modifier	Aerosol "bomb" used in confined spaces
Liquid Wall Wash	Molecular Modifier	Removes soot and Finger Print Powder
Powdered Wall Wash	Molecular Modifier	Removes soot and Finger Print Powder
Chemical Sponge	Not Applicable	Dry removal of soot into center of sponge
Wood Crème Restorer	Molecular Modifier	Removes soot & restores oils to fine wood
All Fabric Deodorizing Fog	Molecular Modifier	Eliminates smoke odors from fabrics
Flame Retardant Spray	Not Applicable	Textile flame retardant
Granular Odor Counteractant	Absorber	Smoke odor control





Structure Deodorization



Solvent Based Thermal Fogging Agent

Use in thermal fogging equipment for wet and dry smoke odor removal. This product creates an ultra fine particle that penetrates to the source of dry smoke odor and neutralizes it through molecular modification.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Clear **Type:** Liquid

Special Conditions: Combustible

Available Sizes: U0142774G- 4/1 Gallon (Cherry) U0142844G – 4/1 Gallon (Citrus)
U0143074G- 4/1 Gallon (Mint) U0143144G – 4/1 Gallon (Neutral)



Water Based Thermal Fogging Agent

Contains food/cosmetic grade ingredients for wet smoke odor removal that neutralizes on contact through molecular modification

pH at use: 5.0 to 7.0 **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Clear **Type:** Liquid

Special Conditions: Combustible

Available Sizes: U0143214G- 4/1 Gallon (Cherry) U0143384G – 4/1 Gallon (Citrus)
U0143454G – 4/1 Gallon (Neutral)



Smoke Odor Sealer with Deodorizer / Fix Soot

Seals and deodorizes ductwork when fogged into the HVAC system, creating a non permeable film that prevents soot odor from reoccurring. Seals walls and wood when sprayed on preventing soot bleed through before painting.

pH at use: 8.0 to 9.0 **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Clear Amber **Type:** Liquid

Special Conditions:

Available Sizes: U0141474G- 4/1 Gallon, FS5G – 5 Gallon, FS55 – 55 Gallon



Kill Odor Mist

Aerosol “bomb” used to deodorize smoke odors in hard to access areas. Kill Odor Mist modifies offensive organic and in-organic odor compounds at the molecular level upon contact and is also used as an area space spray.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not mix

Color: Clear **Type:** Aerosol

Special Conditions: Provide adequate ventilation after use

Available Sizes: KOMLCS – 12/10 oz. Can (Lemon), KOMRCS – 12/10 oz. Can (Regular)



Structure Cleaning

Liquid Wall Wash/ Liquid Wall Cleaner

Highly concentrated blend of surfactants and solvents formulated to remove wet and dry soot after a fire. This multi-function product deodorizes as it cleans and is also used as a hard surface cleaner, degreaser for parts washing, removal of tow motor tire marks, as a carpet pre conditioner for olefin carpets, does not require rinsing before re-painting surfaces.

pH at use: 11.5 to 12.5	Color: Clear Green	Type: Liquid	
Dilution:	Application:	Mix:	
64 to 1	General Purpose Cleaning /Degreasing:	2 oz. to 1 gallon water	
32 to 1	Dry Fire Soot / Olefin Pre Conditioner:	4 oz. to 1 gallon water	
16 to 1	Wet Fire Soot Removal:	8 oz. to 1 gallon water	
10 to 1	Heavy Duty Degreasing/Tow Motor Tires:	12 oz. to 1 gallon water	

Special Conditions: Avoid contact with rubber and aluminum

Available Sizes: U0141234G – 4/1 Gallon, LWC5G – 5 Gallon, LWC55 – 55 Gallon



Powdered Wall Wash

Blend of wetting agents formulated to remain stable when diluted, deodorizes as it cleans and does not require rinsing before re-painting surfaces. Also very effective at removing printing press inks from hard surfaces when diluted at 32 to 1.

pH at use: 11 to 12	Color: Tan	Type: Powder	
Dilution:	Application:	Mix:	
64 to 1	General Purpose Cleaning /Degreasing:	1 scoop to 1 gallon water	
32 to 1	Dry Fire Soot/Printers Ink:	2 scoops to 1 gallon water	
16 to 1	Wet Fire Soot Removal:	4 scoops to 1 gallon water	

Special Conditions: None

Available Sizes: U01413024 – 4/6 lb. Case



Chemical Sponges

High density latex rubber sponges designed to remove dry and wet fire soot from surfaces before cleaning. These sponges absorb the soot from the outside into the center trapping the soot particle and are very resistant to abrasion. Each sponge is individually wrapped to avoid “drying out”.

Available Sizes: 3048 – 36/Case (Standard), 3048L – 36/Case (Large)

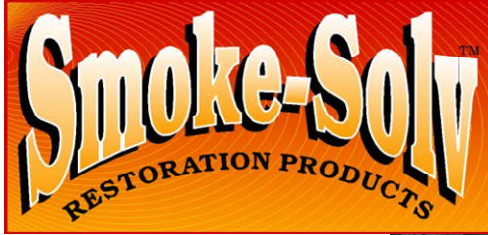


Wood Crème Restorer

Removes the soot and restores the oils lost when fine wood is exposed to fire. Wood Crème Restorer is also used to revitalize natural finishes on furniture and as a cleaner for waxed wood floors.

Dilution: Ready-to-Use
Color: Off White/Tan **Type:** Paste
Special Conditions: Stir well before use
Available Sizes: U01419232 – 4/8 lb. Case





Contents Deodorization



All Fabric Deodorizing Fog

Solvent based molecular modifier used in thermal fogging units and as an additive to dry cleaning solvents to remove wet and dry fire smoke odors from textile fabrics and garments.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Yellow **Type:** Liquid

Special Conditions: Combustible

Available Sizes: U0141544G – 4/1 Gallon

Specialty Products



Flame Retardant Spray

Formulated to reduce oxygen when burned which starves a fire producing a char that prevents the spread of an open flame on textiles and paper products when the flame has been removed. Flame Retardant Spray is compliant with all state fire codes.

pH at use: 6.0 to 7.0 **Dilution:** Ready-to-Use **Mix:** Do not dilute

Color: Clear **Type:** Liquid

Special Conditions: Test fabrics before treatment for colorfastness

Available Sizes: U0142224G – 4/1 Gallon



Granular Odor Counteractant

Non soluble granules absorb residual odors present after clean-up. Granular Odor Counteractant is very effective on urine, sewage, decay and putrefication when applied onto hard surfaces in difficult to reach areas.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** N/A

Color: Beige/Black **Type:** Granules

Special Conditions: None

Available Sizes: U0142464G – 4/1 Gallon



Malodor Removal

Deodorizer products are classified by what they do or do not do to an odor. The product used should always be based on the type—source of the odor for effective odor control. Odors can be classified into two broad categories: Chemical Odors and Organic Odors.

Absorbents (Chemical and Organic Odors)

Absorb odor molecules from the air into themselves

Biocides (Organic Odors)

Kill or inhibit growth of odor causing microbes

Encapsulant (Chemical and Organic Odors)

Coat the odor and set up a barrier preventing the odor from returning

Enzymes (Organic Odors)

Break down odor molecules through catalytic action making complex molecules simple molecules

Molecular Modifiers (Chemical and Organic Odors)

Change the physical structure of the odor into non offensive molecules

Neutralizers (Chemical Odors)

Stop “Off – Gassing”

Oxidizers (Organic Odors)

Speed up the decomposition of organics

Masking Agents (Chemical and Organic Odors)

Add perfumes providing a pleasing scent

Product Classification and Use

<u>Product Name</u>	<u>Class</u>	<u>Use</u>
Acid Pre-Spotter	Neutralizer	Urine odor treatment
Enzyme Odor Remover	Enzyme	Urine, food odor removal
Air Neutralizer Liquid	Molecular Modifier	Wet/Dry smoke odor remover
All Fabric Deodorizer Additive	Masking Agent	Carpet/Upholstery fragrances
Odor Counteract Blocks	Absorbent/Masking Agent	General odor Control
Odor Counteractant Detergent/Rinse	Molecular Modifier	Carpet deodorization



Acid Pre-Spotter



Neutralizes alkaline pH residues associated with odors such as urine by re-acidifying urine for easier removal stopping the odor urine produces. For use on hard or soft surfaces after testing to neutralize urine odor and to remove Ice Melt compounds.

pH at use: 1.5 to 2.5 **Dilution:** 8 to 1 **Mix:** 16 oz. to 1 gallon water

Color: White **Type:** Liquid

Special Conditions: Avoid contact with oxidizers and natural stone

Available Sizes: U0139044G – 4/1 Gallon

Air Neutralizer Liquid / Air Neutralizer



Changes the molecular composition of smoke odors due to fire, tobacco smoke, diesel fuel and fuel oils, use as an additive to alkaline pH cleaning products, laundry detergents or as an area spray to remove smoke odors during cleaning.

pH at use: 6.5 to 7.5 **Dilution:** 42 to 1 **Mix:** 3 oz. to 1 gallon

Color: Amber **Type:** Liquid

Special Conditions: None

Available Sizes: U0141164G – 4/1 Gallon, AN5G – 5 Gallon

Fragrance Tips

Fragrances mask odors, some are generally pleasant to most people and some play a role in specifically masking unpleasant odors. Citrus and Orange mask the odor of burned or rotting meat. Cherry masks male urine, Floral masks female urine while Mint masks the odor of mold and mildew. Using the wrong fragrance can sometimes intensify an odor problem.

All-Fabric Deodorizer Additive



Neutral pH fragrance additives for all water based cleaning products. May also be used as an economical area spray where a lasting fragrance is desired.

pH at use: 7.0 to 8.0 **Dilution:** 128 to 1 **Mix:** 1 oz. to 1 gallon water

Color: Varies **Type:** Liquid

Special Conditions: None

Available Sizes: U0140004G – 4/1 Gallon (Floral) U0140174G – 4/1 Gallon (Herbal Mist)
 U0140314G – 4/1 Gallon (Mint) U0140244G – 4/1 Gallon (Lemon Fresh)
 U0140554G – 4/1 Gallon (Orange) U0140794G – 4/1 Gallon (Pine Forest)
 U0140624G – 4/1 Gallon (Potpourri)



Enzyme Odor Remover

Enzyme Odor Remover is formulated with fast acting enzymes that break down organic matter at the molecular level eliminating the food source that produces malodors quickly and effectively. Designed to work in less than 2 hours, this product is very effective at removing the odors from urine, feces, vomit and spoiled food when used with Odor-Solv Acid Pre-Spray.

pH at use: 6.5 to 7.5 **Dilution:** 2 to 1 **Mix:** 1 gallon to 2 gallon water

Color: Yellow **Type:** Liquid

Special Conditions: Use life 2 hours after mixing

Available Sizes: U0139114G – 4/1 Gallon



Odor Counteractant Blocks

Used to absorb chemical and organic malodors while producing a pleasing scent for up to 1 week after cleaning, simply open the foil package and place in hard to reach areas for residual odor protection.

pH at use: N/A **Dilution:** Ready-to-Use **Mix:** N/A

Color: Tan/Brown **Type:** Solid

Special Conditions: Leave on open foil wrapper, avoid direct contact with surface

Available Sizes: U010385CS – 25/Case (Lemon), U013928CS – 25/Case (Cherry)



Odor Counteractant Detergent Rinse

Specifically formulated to neutralize chemical malodors generated from carpets and rugs when used as a pre conditioner by modifying the odor at the molecular level. Safe yet aggressive, use as a pre conditioner on all carpet types including wool and stain resist Nylon.

pH at use: 6.5 to 7.5 **Dilution:** 10 to 1 **Mix:** 12 oz. to 1 gallon water

Color: Clear Yellow **Type:** Liquid

Special Conditions: None

Available Sizes: U0141854G – 4/1 Gallon



Converting to a NO SMOKING environment

When converting to a No Smoking environment you are dealing with tobacco odor which is dry smoke and tar, nicotine stains on and in all the surfaces. The following steps and products will allow you to convert easily and profitably from a smoking to No Smoking environment.

1. Discard any HVAC filters and replace with new when procedure is finished.
2. Fog entire room including duct work and contents with Smoke-Solv Air Neutralizer at 22 ounces to 1 gallon water using an Atom Blast fogger. Air room out after fogging with fresh air.
3. Upholstered furniture and any bedding may be fogged by placing the item in a large plastic bag and placing a single cap full of Smoke-Solv Air Neutralizer under the item. Gather the bag together and attach to a vacuum hose to the gathered bag end. Turn the vacuum on for 15 to 30 seconds.
4. Remove Tar and Nicotine stains from all hard surfaces using Smoke-Solv Liquid Wall Wash at 8 ounces to 1 gallon water, add 3 ounces of Smoke-Solv Air Neutralizer to each RTU gallon Liquid Wall Wash.
5. Clean carpet, drapery and upholstery adding 3 ounces of Smoke-Solv Air Neutralizer to each gallon RTU detergent solution.
6. For Dry Clean only fabrics add 3 ounces of Air Neutralizer and 3 ounces of Dry Fabric Cleaner Concentrate to each gallon Dry Fabric Cleaner.
7. Allow contents to dry completely while airing out with fresh air.

Note: bed linens may be neutralized by adding 3 ounces of Air Neutralizer to each gallon RTU laundry detergent solution.

Zinsser Remediation Products from Chemspec

For Mold and Mildew remediation Zinsser offers a comprehensive line of EPA Registered products that kills mold and prevents the growth of new mold utilizing state of the art Cryocide Technology. Zinsser is the construction contractor's choice of products to seal and coat the structure after a disaster offers ultra performance primers and sealers that prevent bleed through of soot odor and discoloration on the repainted surface.



Mold Remediation

Perma-Wash



This EPA Registered Bactericide, Fungicide (Pathogenic), Pseudomonicidal, Virucide*, Hospital Grade Disinfectant with unique Cryocide technology is a mildewcide and mildewstat that provides broad-spectrum efficiency and economy for residential, commercial, institutional, and industrial disinfection. This product has also been found to be extremely effective on male cat urine when used in its concentrated form.

pH at use: **Color:** Clear **Type:** Liquid
Dilution: **Application:** **Mix:**
 4 to 1 **Mold and Mildew Decontamination:** 32 oz. to 1 gallon water
 7 to 1 **Mold and Mildew Prevention:** 18 oz. to 1 gallon water
 0 to 0 **Virucide Disinfectant:** Do not Dilute

Special Conditions: Use according to label directions - NOT AVAILABLE IN CALIFORNIA

Available Sizes: 2PW4G – 4/1 Gallon, ZPW5G – 5 Gallon

*Human Immunodeficiency Virus Type 1 (HIV-1), Herpes Simplex Virus Type 1 and 2, Influenza A2 (Hong Kong-68) on Inanimate Environmental Surfaces

E.P.A. Reg. No. 9150-11-71420
 E.P.A. Est. 10183-MI-01

Perma-Guard



Mold and Mildew-Proof interior sealer when applied properly is guaranteed to prevent the growth of mold and mildew on the coating film for 5 years! Fast drying, high performance acrylic formula dries clear and is ready to recoat in 2 hours. This non-corrosive formula improves the water resistance of wood, concrete and drywall.

pH at use: N/A **Color:** White **Type:** Liquid
Dilution: N/A **Mix:** Ready-to-Use

Special Conditions: None

Available Sizes: ZPG2G – 2/1 Gallon, ZPG5G – 5 Gallon

Perma-White



A washable, decorative eggshell finish combined with a mold and mildew-proof* paint film. Recommended for application in high-humidity areas where a durable, low sheen finish is desired such as finished basements and kitchens. PERMA-WHITE® also seals flat paint, new drywall, cement block and concrete.

pH at use: N/A **Color:** White **Type:** Liquid
Dilution: N/A **Mix:** Ready-to-Use

Special Conditions: None

Available Sizes: ZPWE2G – 2/1 Gallon, ZPWE5G – 5 Gallon

Primer - Sealer

B-I-N

Professionals love B-I-N because it dries faster than any other primer. It cures as fast as it dries, making it ideal for kitchen cabinet repainting, doors, and trim work. Fire damage restoration painters love B-I-N because it seals in the acrid smell of fire, as well as sealing in water, soot, and grease stains that plague such jobs. As a stain sealer, B-I-N is unsurpassed. Water stains, mildew stains, knots in new wood, nicotine, gasoline, marking pens, etc. can all be reliably sealed with B-I-N.

pH at use: N/A **Color:** Clear **Type:** Liquid

Dilution: N/A **Mix:** Ready-to-Use

Special Conditions: None

Available Sizes: ZBIN4G – 4/1 Gallon, ZBIN5G – 5 Gallon, ZBINSCS – 6/13 oz. can



GARDZ

Problem Surface Sealer is a unique water-base sealer for porous and potential problem surfaces. It is formulated to deeply penetrate and dry to a hard, moisture resistant film that seals and binds down porous, chalky and crumbling surfaces, paints and texture finishes. Recommended for: damaged drywall, new drywall, spackling and joint compound skim coats, plaster, calcimine, uncoated wallpaper, wall covering adhesive residue, texture paint, popcorn ceilings and builder's flat paint.

pH at use: N/A **Color:** Clear **Type:** Liquid

Dilution: N/A **Mix:** Ready-to-Use

Special Conditions: None

Available Sizes: ZGD4G – 4/1 Gallon



Cleaning for Human Health and the Environment

Chemspec has taken a lead position in the area of green cleaning by offering detergent free formulations that respond to the need for cleaning to protect the public health in a safe and sustainable manner; without harming people or the environment.

Human Health - Detergent or surfactant based chemicals have been found to have prolonged harmful effects on aquatic and microbial populations as well as on our own health. We spend up to 90% of our time indoors. Approximately 15% of the population has become more sensitive to even low-level chemical exposure; using cleaning products that affect the quality of our indoor environment can have a negative impact on our health.

Sustainability - With depleting petroleum reserves and additional stress on our agriculture systems for bio-based materials DFC cleaning products contain only naturally occurring minerals such as common salt, sodium bicarbonate and sodium carbonate. These select ingredients not only return to the environment in their basic form, there are also sufficient reserves throughout the world for hundreds of years of continual use.

Efficacy - The issue with using green products has always been that they don't clean. All DFC products have been extensively tested in the lab, in the field by Professional Cleaners and by Independent Third Party to equal the clean of normal cleaning products. There is no loss in cleaning performance when you go green with DFC Products.

Certifications - All of our DFC cleaners are independently reviewed and certified to maintain maximum indoor air quality and for their suitability for use around sensitive populations.

Carpet Care Products

DFC Heavy Duty Cleaner / Degreaser



This multi-purpose cleaner/degreaser cuts through the heaviest greasy soils without the use of solvents or detergents by turning organic soils into soaps that free rinse from any surface. Used for carpet spotting and as a traffic lane pre-spray on Olefin carpets.

pH at use: 10.5 **Dilution:** 64 to 1 **Mix:** 2 oz. to 1 gallon water

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: DFCHDCD4G – 4/1 Gallon, DFCHDC5G – 5 Gallon, DFCHDC55 – 55 Gallon, DFCHDCS – 12/1 Quart



DFC 210 Powdered Pre-Spray



DFC Technology cleans without using synthetic chemistry. This unique formulation turns soils and surfactant residues into free rinsing soaps and is the perfect pre-spray to use on all natural and synthetic carpets and upholstery.

pH at use: 9.5 **Dilution:** 128 to 1 **Mix:** 1 oz. to 1 gallon water

Color: White **Type:** Powder

Special Conditions: None

Available Sizes: DFC21032 – 4/8 lb.



DFC Carpet Cleaner / Rinse 105



DFC Carpet Cleaner/Rinse 105 may be used in Low Moisture Cleaning, portable, self contained and Truck-Mount extraction equipment.

Extremely effective at removing all residues from a carpet leaving the carpet squeaky clean when dry.

pH at use: 9.5 **Dilution:** 128 to 1 **Mix:** 1 oz. to 1 gallon water (carpet cleaner)
256 to 1 1 oz. to 2 gallon water (carpet rinse)

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: DFC1054G – 4/1 Gallon, DFC1055G – 5 Gallon, DFC10555G – 55 Gallon



Hard Surface Products

DFC Calcium Lime & Rust Remover

DFC Calcium, Lime & Rust Remover is a unique non-corrosive acid side cleaner that safely breaks down hard water deposits and soils. Calcium, Lime & Rust Remover cleans grout, ceramic, glass, porcelain, and stainless steel while leaving the surface free from residues.

pH at use: 3.5 **Dilution:** 42 to 1 **Mix:** 3 oz. to 1 gallon water

Color: Clear Green **Type:** Liquid

Special Conditions: None

Available Sizes: DFCLRCS – 12/1 Quart



DFC Restroom Cleaner

DFC Restroom Cleaner is a daily rest room maintainer that effectively removes soap scum films from glass, ceramic, porcelain and stainless steel preventing soap scum build-up.

pH at use: 4.5 **Dilution:** 20 to 1 **Mix:** 6 oz to 1 gallon water

Color: Clear Blue **Type:** Liquid

Special Conditions: None

Available Sizes: DFCRRCS – 12/1 Quart



DFC Heavy Duty Cleaner / Degreaser

This multi-surface, multi-purpose cleaner/degreaser cuts through the heaviest greasy soils without the use of solvents or detergents by turning organic soils into soaps that free rinse from any surface. Used for industrial floors, parts wash, engine cleaning, carpet spotting and as a traffic lane pre-spray.

pH at use: 10.5 **Dilution:** Multiple **Mix:** See label

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: DFCHDCD4G – 4/1 Gallon, DFCHDC5G – 5 Gallon,
DFCHDC55 – 55 Gallon, DFCHDCS – 12/1 Quart



Plant Based Surfactant Hard Surface Products

ECOgent General Purpose Cleaner

Plant based General Purpose Cleaner certified safe for use by those who suffer from asthma or have chemical sensitivities. Use on walls, floors, desks, tables, non-food service countertops, glass, porcelain and more.

pH at use: 6.5 to 7.5 **Dilution:** Multiple **Mix:** See label

Color: Clear **Type:** Liquid

Special Conditions: Avoid use on natural stone

Available Sizes: ECOGPC4G – 4/1 Gallon, ECOGPC5G – 5 Gallon,
ECOGPC55 – 55 Gallon, ERFB2.5G – 2.5 Gallon



ECOgent Portable Dispensing System

General Purpose cleaner certified safe for use by those who suffer from asthma or have chemical sensitivities. This easy to use self-contained system comes complete with a water bottle, product bottle and a dial-a-clean trigger sprayer. Simply fill the water bottle with tap water set the dial-a-clean trigger to the desired setting and safely clean kitchens, bathrooms, windows, floors, walls any wet cleanable surface.

pH at use: 7.0 to 7.5 **Dilution:** Variable **Mix:** Automatic

Color: Clear **Type:** Liquid

Special Conditions: None

Available Sizes: EPDS - Each



Certified Chemspec Products

For 40 years Chemspec has been focused on delivering quality products to our customers. As part of that commitment, we continually submit our products to independent 3rd party labs for testing and accreditations. CRI, New Zealand Wool Board and Green Seal are just a few of these organizations. When you see any of these certifications on a Chemspec product you can be assured that they meet not only our stringent standards but also those of other industry organizations.



www.carpet-rug.com www.wool-safe.org www.green-seal.org www.envirodesic.com www.environmentalchoice.com

www.eco-label.com

Pre Conditioners

DFC 210			*	*	*
DFC Heavy Duty Cleaner/Degreaser			*	*	*
Kill Odor Plus	*				
Heavy Duty Soil Lifter		*			

Carpet Detergent/Rinse

ECOgent Carpet Cleaner	*	*	*	*	*
DFC 105 Carpet Cleaner / Rinse	*	*	*	*	*
Liquid Formula 90	*	*			
One Clean		*			
Formula 161		*			
Colorfast for Rugs		*			
Oriental Rug Shampoo		*			

Specialty Rinse

All Fiber Textile Rinse		*			
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Carpet and Rug Protectors

StainShield Professional		*			
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Spotting Products

Liqua-Gel		*			
Help Mate Spot Removal Kits		*			

General Purpose Cleaning

ECOgent General Purpose Cleaner			*	*	*	*
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901 North Newkirk Street, Baltimore MD, USA 21205 410.675.4800 www.chemspecworld.com

Encapsulation

Since its founding in 1968, Chemspec has espoused the principle that textile cleaning products should not be the cause of re-soiling. This purpose driven fundamental principle is one of the reasons that Chemspec is the leader in the textile cleaning products industry.

The purpose of Encapsulation is to tie up the surfactants and emulsifiers used in cleaning detergents that are left behind in the cleaning process to prevent rapid re-soiling due to the characteristics of these “sticky-tacky” residues. Brittle agents were the first generation encapsulation technology and still perform as well today as they did in 1968. Brittle agents tie up the surfactants and emulsifiers used in cleaning detergents and produce a crisp-dry residue that is easily dry vacuumed from the textile surface. Since its founding in 1968, Chemspec has incorporated these brittle agents in its detergent/rinse products.

With advances in cleaning technology; in particular surfactants, polymers and non-surfactant technology, Chemspec is able to offer the cleaner a broad range of products that will not contribute to re-soiling.

Encapsulating Products

– Products that incorporate polymer technology to encapsulate

Liquid High Heat	Encapsulating Acid Rinse
Soil Retardant Roto Brite	Roto Brite II
OneClean	

Encapsulating Characteristic Products

– Products that exhibit encapsulation properties by formulation

Kill Odor Plus	Fast Dry Upholstery Shampoo
Liquid Formula 90	DFC 105 Carpet Cleaner / Rinse
DFC 210 Carpet Pre-Spray	DFC Heavy Duty Cleaner Degreaser
ECOgent Carpet Cleaner	Chemspec Commercial Anti Stat

1st Generation Encapsulating Products

– Products that incorporate Brittle Agent technology to encapsulate

Powdered Formula 90	Phosphate Free In-Plant Detergent
Liquid and Powdered Formula 77	In-Plant for Wool
High Heat	Liquid In-Plant
Formula 70	Colorfast for Rugs
Formula 161	Oriental Rug Shampoo
Professional Carpet Shampoo	Powdered Extraction Upholstery Cleaner
Enzyme Carpet Shampoo	Colorfast Extraction Upholstery Cleaner
Liqua – Steam	Powdered Haitian Cotton Upholstery Cleaner
All Fiber Textile Rinse	Chemspec Commercial Carpet Extraction Cleaner
Double Strength In-Plant Detergent	Chemspec Commercial Carpet Bonnet Cleaner

All encapsulation products; no matter which the manufacture is, are dependent upon thorough vacuum procedures to perform properly. Incorporating periodic power pile lifting into the routine vacuum process insures removal of encapsulated residues as well as embedded dry soil from any residential or commercial carpet.

Spotting Guide



Water Soluble Spots, Spills & Stains

Enzymatic – Food Based

Spots, spills and stains that contain water and are “food” based. This class can contain proteins, carbohydrates and oleo fats that are sticky to the touch and age over time turning from the original color to dark brown, black. Enzyme products contain “keys” that easily unlock the bonds these spots contain through catalytic action.

Blood	Chocolate	Food Oil	Jams & Jelly
Body Fluids	Eggs	Grass	Margarine
Body Oils	Feces	Gravy	Urine
Butter	Food Grease	Ice Cream	Vomit

Steps:

1. Remove all solids by gently drawing to the center of the spot with a “bone” tool.
2. Apply a pre mixed ready-to-use solution of Enz-All directly to the spot and gently agitate using a Horse Hair spotting brush in a counter clockwise motion.
3. Rinse the spot using a pre mixed ready-to-use solution of DFC 105.
4. Use several dry vacuum pass strokes to remove all moisture.
5. Blot using a clean white cotton terry cloth towel.
6. Groom the pile using a grooming tool.

For: **Blood, Body Fluids, Feces, Urine, Vomit** follow steps 1 through 5 listed above then apply Perma-Wash concentrated before grooming. For your safety follow Blood Borne Pathogen Procedures when working these spots.

For: **Coffee, Tea, Soda** follow steps 1 through 5 listed above then apply Acetic Acid to the spot before grooming.

For: **Curry, Fruit Juice, Mustard, Wine, Kool Aid** follow steps 1 through 5 listed above then apply Help Mate Coffee Stain Remover to the spot before grooming. After grooming cover the spot with Saran wrap and allow to dry.

Detergent Spots

Spots, spills and stains that are water based requiring a specific detergent and additional applications for removal.

Powdered Toner spills from the cartridge

1. Dry vacuum using a crevice tool working towards the center of the spot.
2. Apply ready-to-use COLD Formula 161 or Professional Carpet Shampoo to the spot.
3. Gently agitate using a Horse Hair spotting brush in a counter clockwise motion.
4. Rinse the spot using a pre mixed ready-to-use solution of DFC 105.
5. Use several dry vacuum pass strokes to remove all moisture.
6. Blot using a clean white cotton terry cloth towel.
7. Groom the pile using a grooming tool.

Betadine Iodine Powdered Toner from the waste tank & Liquid Toner Clay

1. Apply ready-to-use COLD Professional Spot Lifter to the spot.
2. Follow steps 3 though 7 listed above.

Mold Mildew Fungi

1. Apply ready-to-use Kill Odor to the area.
2. Follow steps 3 though 7 listed above.
3. Apply Perma-Wash at a dilution of 20 to 1.
4. Groom the pile using a grooming tool.
5. Allow to dry.

Rust

1. Apply ready-to-use Rust Remover to the spot.
2. Rinse the spot using a pre mixed ready-to-use solution of DFC 105.
3. Groom the pile using a grooming tool.

Note: wool and some dyes may exhibit a “pinking” after application; reverse the “pinking” with Ammonia 7% vapors.

Hair Dye Floor Finish (Acrylic)

1. Apply ready-to-use Ammonia 7% to the spot.
2. Apply ready-to-use Professional Spot Lifter to the spot.
3. Rinse the spot using a pre mixed 320:1 ready-to-use solution of Liquid Formula 90.
4. Groom the pile using a grooming tool.
5. Allow to dry.

Note: **Hair Dye** may require an additional step after step 4; apply Help Mate Coffee Stain Remover to the dye from the spot.



Spotting Guide

Solvent Soluble Spots, Spills & Stains

Spots and spills that require solvents and detergents to liquefy slide or emulsify for complete removal. All solvent based spots oxidize as they age and attract soil. This class is specific to the solvent to be applied based on the composition of the spot or spill. Care must be taken when using heat as many of these spots will “grow” or activate when heat is applied. Use heat only when directed. Never apply solvents directly unless directed, direct application of solvents can destroy substrates, mastics, cushioning.

General Procedures for all solvent based spots:

1. Remove all solids by gently drawing to the center of the spot with a “bone” tool.
2. Apply solvent to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.
3. Spray ready-to-use *Professional Spot Lifter* directly to the spot.
4. Agitate the spot using a Horse Hair spotting brush in a counter clockwise motion.
5. Rinse the spot using pre-mixed *DFC 105*.
6. Use several dry vacuum pass strokes to remove all moisture.
7. Blot using a clean white cotton terry cloth towel.
8. Groom the pile using a grooming tool.

Crayons Engine Oil Lubrication Oil Shoe Polish Tar Engine Grease Lip Stick
Pipe Thread Compound Silicone Sealant Liquid Toner Printers Ink

1. Apply *POG* to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.
2. Apply *Wet Spotter* to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.

Follow steps 3 through 8 listed in General Procedures above for complete removal.

Acrylic Paint Body Wax Candle Wax Latex Paint

1. Fracture hard deposits with the hard side of your spotting brush.
2. Dry vacuum broken pieces from the surface with a vacuum cleaner.
3. Apply *POG* to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.
4. Apply *Wet Spotter* to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.

Follow steps 3 through 8 listed in General Procedures above for complete removal.

Adhesives Chewing Gum Wood Glue Soil Filtration Soot

1. Apply *Liqua-Gel* directly to the spot and gently work in using a “bone” tool.
2. Allow 5 to 10 minute dwell time then gently scrape off of the surface using a “bone” tool.

Follow steps 3 through 8 listed in General Procedures above for complete removal.

Foundation Cosmetics Foot Powders Flea/Tick Powders Acne Medications

These spots and spills are LATENT STAINS that contain drying agents which when activated with heat and humidity grow in size and remove dye from textiles. AVOID use of heat and moisture when first attempting to remove these stains. Note: unlike bleach which leaves a characteristic white spot, latent stains are bright yellow with a red/brown ring around the outside of the yellow. Once the bleaching action has been triggered you cannot reverse the action you can only contain further growth.

1. Apply **ICE COLD** *Dry Fabric Cleaner* to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot.
2. Repeat step 1 three to four times before proceeding to step 3.
3. Apply **ICE COLD** ready-to-use *Professional Spot Lifter* directly to the spot.

Follow steps 3 through 8 listed in General Procedures above; all solutions must remain **ICE COLD** for complete safe removal.

Furniture Stains Nail Polish Pen Ink and Markers

Care must be taken when applying the following procedures as the recommended solvents are flammable. These solvents are available at all paint supply stores.

Furniture Stains – apply mineral spirits to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot. Follow steps 3 through 8 listed in General Procedures above; this additional step may be required: apply *Help Mate Coffee Stain Remover* to the dye, cover with Saran wrap and allow to dry.

Nail Polish – apply acetone to a clean white terry cloth towel then blot using a counter clockwise motion working towards the center of the spot. Follow steps 3 through 8 listed in General Procedures above for complete removal.

Pen Ink and Markers – apply denatured alcohol to a clean white terry cloth towel; gently touch the ink with the towel drawing the ink into the towel. **Do Not Blot.** Repeat several times then follow steps 3 through 8 listed in General Procedures.

CHEMTRACTOR[®] SC

the EVOLUTION of a Proven Design



The Chemtractor has evolved! The totally redesigned CHEMTRACTOR[®] incorporates 30 years of proven cleaning performance into an easy to use, efficient all new Rotary Extractor.

Rotary Shampoo incorporating Simultaneous Extraction was a concept originally developed and patented by Chemspec in 1973. Through 5 generations of improvements to the original design the all new CHEMTRACTOR[®] is here. Lower profile, wider stance, weight distribution where it belongs and soil removal no matter how you operate are the hall marks of the CHEMTRACTOR[®].

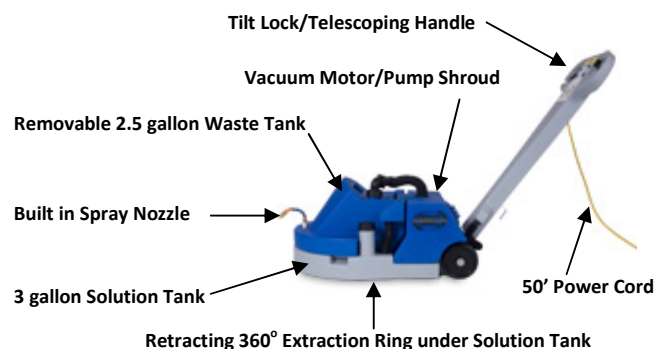
For more than 50 years the carpet cleaning industry has known that loop pile carpets and all rugs come cleaner; faster and easier, when rotary shampoo machines are used to clean them. Rotary agitation massages all of the fiber and loosens embedded dirt deep in the backing. Shampoo agglomerates the loosened dirt and suspends it in a foam head above the fiber. The CHEMTRACTOR[®] does all of this and **simultaneously** removes the dirty foam head from the fiber for a cleaner, dryer carpet. Exceptional cleaning with minimal down time has always been achieved with this proven design.

Test Drive the all new CHEMTRACTOR[®] and prove it yourself.

Specifications

Solution Tank Capacity	3 gallons
Working Waste Tank Capacity	2.5 gallons
Vacuum Single 2 Stage	97 CFM
Machine Speed	175 rpm
Motor	1 hp, 120/240v
Transmission	Dual Planetary
Brush Diameter	15 inches
Brush Flair	17 inches
Pad Driver Diameter	20 inches
Solution Pump	60 psi, 12v
Machine Diameter	21 inches
Extraction Ring Diameter	20 inches
Machine Weight (Dry)	130 lb.
Current Requirements	20 amps dedicated

CHEMTRACTOR[®] Features



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CHEMTRACTOR® SC

Introducing the completely redesigned CHEMTRACTOR® SC



Agitation with Instant Recovery

The all new CHEMTRACTOR® SC incorporates agitation with instant recovery and unique Patent Pending features which means that you can now clean carpet with 54% less cleaning solution than conventional steam extraction methods and remove as much soil as the most efficient Truck Mounted units with faster dry times. The CHEMTRACTOR® SC provides you with versatility like no other machine on the market. The unique self contained rotary/extraction design and the low profile of the CHEMTRACTOR® SC offers you the ability to deep corrective clean, low moisture clean, spray bonnet to maintain carpets and hard surface scrubbing all in one machine!

Ergonomically Designed

Ergonomically designed to reduce operator fatigue by taking the weight off of the handle and placing it on the base where it belongs. This unique Patent Pending 3 gallon solution tank places the cleaning solution inside the apron for a low center of gravity. All the weight of your cleaning solution is now on the base improving brush and pad pressure and taking the weight of the solution off of your lower back. Our all new Patent Pending waste recovery tank mounted directly over the solution tank; keeps the weight on the floor for continual brush / pad pressure throughout the cleaning cycle. With the CHEMTRACTOR® SC's redesigned tilt telescoping handle any user can find the right handle position quickly and easily. With a total height of just 24" the CHEMTRACTOR® SC allows you to clean under chairs, tables, desks, restaurant sinks and even restroom stalls.

360° Cleaning

No matter where or how you move with the CHEMTRACTOR® SC you are always cleaning! The Patent Pending 360 degree extraction ring allows you to clean in any direction: front, back, left, right and diagonally. With our optional 360 degree hard surface urethane squeegee ring attached you can easily convert your CHEMTRACTOR® SC to a hard surface auto scrubber for all of those hard to clean areas. Spring loaded to provide even ring pressure on all surfaces, our ring easily retracts after use for transportation and storage. This unique Patent Pending feature means you never leave your ring behind and you never have to waste time mounting or adjusting the ring.

**Versatility you need to get the job done with one machine, our new
CHEMTRACTOR® SC designed with you the operator in mind.**

CHEMSPEC An RPM Company

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