

# Responsible Solutions for the Graphic Arts Market



**KOR-CHEM**

# Superior Science for Cleaner Solutions

Cleaning solutions for the printing industry have come under increasing scrutiny to meet environmental and safety guidelines. With the regulations and technology changing so rapidly, it can be difficult to stay up to date. Kor-Chem is the manufacturing partner you need to help you stay informed, compliant and on the cutting edge. Kor-Chem utilizes advanced scientific technology in the formulation and manufacturing of our specialty chemicals. Rigorous laboratory and field testing of our products ensure that we only produce solutions with the highest level of performance, that are occupationally safe to use and improve operational efficiency for our customers.

## Press Washes

Kor-Chem press washes are safe on emulsions and for the environment. Our press washes do not contain any chlorinated solvents and are fast evaporating. Here are some of the benefits of our press washes and our different products:

- Low VOC products that are OSHA & SCAQMD compliant
- Fast evaporating formulas
- Non-flammable and non-hazardous
- Reduces need for haze removers

**PC-175** - Fast working press side solution reopens dried or clogged images after runs to prep screens for reclaim. Low VOC. (PIF# 01633)

**PC-235** - Fast evaporating press & screen wash that dries fast and does not leave behind an oily film. (PIF# 01642)

**PC-315** - Economical, fast evaporating press wash that is excellent for clean up of plastisol inks. (PIF# 01637)

**PC-333** - Super fast evaporating, high solvency press wash that efficiently cleans screens without leaving behind any oily residue. (PIF# 01638)

**PC-508** - An economical press wash that efficiently cleans plastisol inks. A low odor option that is safe on all emulsions. (PIF# 01646)

**ProTex** - Use for wash-up, color change, and as a pre-step for color change. Safe even on fast emulsions. (PIF# 01467)

**ProWash** - Super low odor press & screen wash. Safe on emulsions and fast evaporating. (PIF# 01640)

**ProWipe** - For use after the run to prepare the screen for reclaim. Aggressive on most inks. (PIF# 01477)

**PW-R** - Designed to be used in re-circulating / filtration systems where chemical longevity and high flash points are required. (PIF# 01479)

**PSO** - Press Side Opener designed to spray on, wipe off and evaporate quickly. Works on most conventional, U.V. and plastisol inks. (PIF# 01482)

## Ink Wash / Emulsion Removers

Kor-Chem one step product formulations are safe for the environment and provide a tremendous savings by streamlining operations. Our one step products are designed to consolidate product inventory, increase efficiency and reduce the cost per screen. These products are highly versatile and may be used in manual spray or dip tank operations.

- Biodegradable and environmentally friendly
- No VOC content
- Non-hazardous and non-flammable
- Contain surfactants to eliminate screen mesh degreasing
- No odor

**Complete** - A super fast acting, one step product that removes ink, block out, emulsion and capillary film from the screen all at once. Works on contact and easily removes all types and combinations of inks and emulsions. (PIF# 01450)

**CP-2** - A concentrated one step ink and emulsion remover designed for use in spray or dip tank applications. A truly efficient and economical way to reclaim textile screens. (PIF# 01449)

## Ink Removers

The Kor-Chem line of ink removers are safe, effective solutions that work on all types of ink. These products quickly emulsify inks and produce great results with one application.

- Biodegradable - our products are named "Bio" for a reason
- Contain degreasers to eliminate one reclaim step
- Multipurpose use, fast acting formulas
- Pleasantly scented
- Low VOC products that are OSHA & SCAQMD compliant

**Bio-1** - It's called #1 for a reason, the most powerful ink remover, stain remover and degreaser on the market today. Works great on textile and graphic inks. Great bubblegum scent. Low VOC. (PIF# 01459)

**Bio-2** - Terrific on vinyl, most conventional and U.V. inks. Use as first and last step of reclaim. Great cherry scent. Low VOC. (PIF# 01466)

**Bio-4** - A versatile ink degradant and stain remover for both textile and graphic inks. Contains degreasers. Low VOC. (PIF# 01446)

**Bio-4u** - An ink degradant and stain remover for both textile and graphic inks. Great for auto reclaim machine use. Low VOC. (PIF# 01644)

**Bio-6** - A zero VOC ink degradant and stain remover for both textile and graphic inks. Great for auto reclaim machine use. (PIF# 01656)

**Bio-7** - A very low odor, and zero VOC ink degradant and stain remover. Works great on textile and graphic inks. (PIF# 01654)

**Bio-AP** - All purpose ink remover. For use in shops that use a wide variety of inks. Very effective on enamel inks. (PIF# 01485)

**Bio-E** - Quickly and efficiently removes plastisol, UV, solvent based, water based, enamel, epoxy and vinyl inks from screens. Has a built in ink stain remover and degreaser. (PIF# 01458)

**Bio-Paste** - A biodegradable, water dilutable ink degradant concentrate for use on plastisol and water based inks. Safe on pure photopolymer emulsions. (PIF# 01457)

**Bio-Wash** - A biodegradable, water dilutable ink degradant designed for use in auto reclaim machines. Excellent at removing inks and stains from a wide range of ink types. Zero VOCs. (PIF# 01648)

**IR-243** - An excellent solution that works great on all inks. Non-hazardous & biodegradable. Low VOC. (PIF# 01669)

**IR-407** - An economical, low odor ink remover for plastisol inks. (PIF# 01676)

**IR-590M** - An all purpose screen wash that is highly effective on many types of ink. Designed for use in auto reclaim and re-circulating systems. Non-hazardous & low VOC. (PIF# 01669)

**SS Ink Wash** - A highly effective ink wash designed for recirculating systems. Slow evaporating formula is great on both screens & squeegees. (PIF# 01641)

**TigerWash 100** - A biodegradable, ink degradant & stain remover designed for use in auto reclaim machines. Very effective on solvent, UV, water based and plastisol inks. Zero VOCs. (PIF# 01653)

## Emulsion Removers

These biodegradable solutions are fast acting on all emulsion types. Kor-Chem's ER products are available in both ready to use and concentrated solutions for efficient use in any shop.

- Different concentration levels for maximum economy
- Some formulated with degreasers
- No VOC content
- No odor

**ER-188** - Full strength emulsion remover. Ready to use, no dilution necessary. (PIF# 01481)

**ER-350** - An emulsion remover concentrate formulated with degreasers. One gallon makes 3 to 5 gallons depending on emulsion hardness. (PIF# 01452)

**ER-1-2-5** - Concentrated emulsion remover with degreasers included. One gallon makes up to five gallons depending on hardness of emulsion. (PIF# 01484)

**ER-130** - An extra concentrated emulsion remover formulated for fast and easy removal of diazo, photo polymer and capillary film emulsions. (PIF# 01453)

**ER-140** - New & Improved. Non-hazardous, extra concentrated emulsion remover with powerful degreasers. One gallon makes up to 40 gallons. (PIF# 01480)

**ER-160** - A non-foaming, extra concentrated emulsion remover designed for use in automatic reclaim machines. Aggressively and easily removes many types of emulsions and capillary films from screens without damaging mesh. One gallon makes up to 60 gallons. (PIF# 01647)

**ER-190** - Super concentrated emulsion remover with powerful degreasers. One 8oz bottle makes a 5 gallon pail or 1 gallon makes up to two 55 gallon drums. (PIF# 01486)

**ER-455NF** - A non-foaming, non-hazardous, extra concentrated emulsion remover designed for recirculation systems. One gallon makes up to 55 gallons. (PIF# 01456)

**ER-Powder** - Two pound jars of ultra concentrated crystals. Easily dissolves in water. (PIF# 01483)

**TigerStrip 200** - Designed for use as an emulsion remover in auto reclaim machines. Effectively removes a wide range of emulsions including; direct, dual cure, diazo, pure photopolymer and capillary films. Non-foaming. (PIF# 01655)

For more products, including Haze Removers and Degreasers please see the back page.



## Safe by Design

### Environmental Safety

Kor-Chem's graphic arts product line has led the way with environmentally friendly chemistry solutions. From the beginning we have developed biodegradable products that outperformed the competition. Kor-Chem's graphic arts chemicals do not contain heavy metals and are free of phthalates, antimony, arsenic, cadmium, chromium, mercury and selenium.

In addition Kor-Chem's press and reclaim chemistry have the following earth friendly features:

- Biodegradable
- No VOC or low VOC levels that are compliant with OSHA and SCAQMD regulations
- Non-hazardous
- Drain safe

### Occupational Safety

Safety for personnel handling chemicals is an important issue and a major consideration in the formulation of our products. Kor-Chem's specialty chemicals are designed to be highly efficient and safe to use. Our Research & Development Team only formulates products using carefully selected, non-carcinogenic raw materials with reduced solvent vapors. In addition, we provide detailed, on-site training to those using our chemical solutions.

- Safe for employee handling and use
- Non-carcinogenic
- Non-flammable products require no special handling or storage
- Pump systems to limit chemical exposure
- Low odor and pleasantly scented

## Our Goal:

*To manufacture high quality, environmentally friendly and safe products that work to save you time and money.*



## Haze Removers

This well developed chemistry line removes ghost images, stains and ink residues with amazing speed and efficiency.

- Safe on screen mesh
- Non-hazardous, non-caustic formulas available
- Reduce reclaim time and cost per screen
- Formulated with powerful degreasers
- Low odor

**DHL (DeHaze Liquid)** - For all conventional and U.V. inks. DHL is a liquid that works like a paste. (PIF# 01472)

**GIR-4U Plus** - A thick, biodegradable haze remover. Works in less than 3 minutes. Easily reclaim screens with troublesome old images, squeegee or flood bar marks. (PIF# 01500)

**Green Scrub** - A non-hazardous dehazing gel with scrubbing micro-beads. Mesh abraider, degreaser and haze remover all in one. (PIF# 01447)

**HR-300** - A fast and efficient liquid haze remover and ink degradant. Easily removes cured ink stains and ghost images. Works great as a water soluble ink remover for reclaim too. (PIF# 01451)

**HR-360** - A powerful ghost image/haze remover designed for use on all types of screen inks. This viscous liquid clings well to vertical screens and allows for extended dwell time on the mesh. (PIF# 01645)

**ProClean** - For textile printers there is no contest - ProClean is the best. It's a haze remover, degreaser and clarifier all in one. If you print fabric, ProClean's your answer. (PIF# 01474)

**SRC** - Stain Removing Cleaner - The perfect solution for stubborn stains left in screens. (PIF# 01491)

## Degreasers / Wetting Agents

Formulated with powerful combinations of surfactants and emulsifiers that remove manufacturing grease and oils from newly stretched screens. Also great for use as the last step of reclaim and any time capillary film is used.

- Rapidly penetrates and dissolves grease and oils from mesh
- Improves adhesion and stencil life
- Eliminates pinholes and fisheyes

**DG-520** - Penetrates and removes grease, oil & surface contaminants from new and reclaimed screens. Dilutes at 1:20. (PIF# 01643)8

**LD-150** - Liquid Degreaser - Easily removes grease and oil from new screens and prepares them for first use. Provides better wetting and improved line definition. (PIF# 01478)



## Screen Blockouts

Designed for convenience and ease of use, KCI screen blockout coatings quickly take care of holes in the emulsion.

- Dry quickly and set up fast
- Extremely durable on press
- VOC compliant

**Fast Set** - A very fast drying blockout coating with excellent durability on press. Works great with discharge and water based inks too! (PIF# 01448)

## Roller Washes

**Roller Clean** - A superior solvent and key component in any press maintenance system. Fast drying solution that deep cleans offset blankets and rollers of glaze, lacquer, and dried ink for less downtime and quick start-ups. Can also be used to clean dampener rollers. Time saving solvent is suitable for all sheet-fed and web presses. Low VOC. (PIF# 02872)

## Decal & Adhesive Removers

**PC-175** - Instantly begins to soften decals for removal. Low VOC. (PIF# 01633)

**PC-215** - An excellent choice for fast and easy removal of adhesive residue, dried ink, and more. (PIF# 01636)

## Pad Printing Cleaners

**PPC-100** - Spray on, wipe off and residue will evaporate quickly. Works on most conventional, U.V. and plastisol inks. Low VOC.

## Circuit Board Strippers

**SMR 8000** - A printed circuit board stripper with power and speed. Easily strips a wide variety of solder masks and photoresists from boards. Developed to strip 5 times faster than equivalent products. (PIF# 01580)

## Hand Soaps

**Hands Down** - A thick, rich lathering hand soap that easily removes ink, paint, coatings, grease, dirt or virtually any soil from your hands. Contains tough scrubbing, drain safe micro-beads with powerful cleaning action. Great lemon-lime scent. (PIF# 01168)

## Floor Cleaners

**Shop Magic** - A heavy duty, concentrated liquid floor cleaner for removal of ink, grease, grime, oil and dirt. Formulated with a powerful mixture of alkaline detergents and dispersants to clean any job. (PIF# 02512)

## Equipment

**Spray Gun** - High pressure spray gun with ergonomic design that assures positive control and operator comfort even at maximum flow and pressure conditions. (PIF# 06927)

**Pump Systems** - Air driven pump systems designed specifically for Kor-Chem products. These systems are easy to maintain, increase employee safety and conserve chemicals. Pump systems can be customized to fit your specific needs.

**Spray Bottles** - Chemical resistant 32 oz. bottles and sprayers. Packaged 12 to a case. (PIF# 06920-C3004)

**Scrub Pads & Handles** - Long lasting, flat scrub brushes. Red scrub pads are removable, save the handle and simply attach a new pad as needed.

**Dip Tanks** - Available in various sizes

**Auto Reclaim Machines** - Available in various sizes, please call for more information.

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