KOR-CHEM

2026 EDITION

PRODUCT GUIDE FOR DISTRIBUTORS & PRINT SHOPS

SCREEN PRINT CHEMISTRY

Ink removers, emulsion removers, haze removers, degreasers, press washes, dip tank solutions, equipment and automatic reclaim machines, made by Kor-Chem in Atlanta, Georgia.

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INK REMOVAL
Sink, manual & automatic reclaim washes

02 p. 6
EMULSION REMOVAL
Concentrates, powder & auto reclaim

03 p. 7
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Ghost image & haze removers, degreaser

04 p. 8
PRESS WASHES
On-press washes & screen openers

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DIP TANK & EQUIPMENT
Dip tank solutions, tanks & sprayers

06 p. 10
KITS & MACHINES
Quart trial kits & TigerClean reclaim machines



REMOVE · STRIP · DEGREASE · RECLAIM

- SINCE 1972
- MADE IN ATLANTA
- LOW & ZERO VOC
- RULE 1171 OPTIONS

HOW TO USE THIS GUIDE

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READING A PRODUCT ENTRY

BIO-1 TDS SDS

INK REMOVER, STAIN REMOVER & DEGREASER

Triple-action ink degradent for textile and graphic inks.

Use as supplied | 60.6 g/L VOC

SCAQMD

01459-D5505	01459-P5010
55 gal	5 gal

1. Product name, linked to its kor-chem.com page
2. TDS and SDS open the PDF on kor-chem.com
3. What it is and what it does
4. Use rate and facts from the TDS; **SCAQMD** marks products that meet Rule 1171 (p. 3)
5. Method icons
6. Order number for each pack, largest first

ORDER NUMBERS

01459-D5505

The first five digits identify the product. The package code sets the container: **D** drum · **P** pail · **C** case · **B** single bottle or tub.

THE FOUR-STEP RECLAIM

1
INK REMOVAL
Dissolve ink left on the screen after the run.
Bio-1 · Bio-4 · Bio-11

2
EMULSION REMOVAL
Strip the stencil so the mesh can be recoated.
ER-160 · ER-190 · ER-1-2-5

3
STAIN REMOVAL (HAZE)
Lift ink stains and ghost images from the mesh.
GIR-4U Plus · Pink Scrub · Bio-1

4
DEGREASE
Leave the mesh clean for the next emulsion coat.
DG-520 · ProClean · Bio-1

METHOD ICONS

Textile printing · Graphics printing · Manual reclaim · Automatic reclaim · Squeegees & flood bars

ORDER DESK
8:00 am – 5:00 pm ET, Mon–Fri

PHONE · EMAIL
800-752-6627 · sales@kor-chem.com

SAFETY DATA SHEETS
kor-chem.com/sds

CLEANER CHEMISTRY · LOWER VOC RECLAIM

BUILT FOR CLEANER PRINT SHOPS

Kor-Chem has formulated screen print chemistry in Atlanta since 1972. Most of the line is low or zero VOC and meets the California South Coast AQMD solvent cleaning limit for screen printing. Every figure on this page comes from Kor-Chem product data.

20 of 30

MEET SCAQMD RULE 1171

Products in this guide under the 100 g/L screen printing VOC limit.

12

ZERO VOC

Products at 0% VOC by weight, including every emulsion remover.

71.6%

READILY BIODEGRADABLE

Bio-1 biodegrades 71.6% in 28 days (OECD 301D).

1:90

CONCENTRATES GO FURTHER

One gallon of ER-190 makes up to 91 gallons of emulsion remover.

WHAT RULE 1171 MEANS

South Coast Air Quality Management District (SCAQMD) Rule 1171 limits the VOC content of solvent cleaning materials used in Southern California, with a separate limit for screen printing cleanup.

Each Kor-Chem screen print TDS states the product's VOC and its Rule 1171 status. Look for the green **SCAQMD** tag on product entries.

100 grams of VOC per liter: the Rule 1171 limit for screen printing cleaning (amended June 6, 2025)

RULE 1171 COMPLIANT PRODUCTS

SECTION	PRODUCT · VOC	PAGE
INK REMOVAL	**Bio-1** 60.8 g/L · **Bio-2** 79 g/L · **Bio-7** 0% · **Bio-11** 0% · **Bio-M** 6% · **Bio-22** 79 g/L · **TigerWash 100** 0%	4–5
EMULSION REMOVAL	**ER-1-2-5** · **ER-130** · **ER-160** · **ER-190** · **ER-Powder** · **TigerStrip 200**, all 0%	6
HAZE & DEGREASE	**Pink Scrub** about 24 g/L · **ProClean** 87 g/L · **DG-520** about 10 g/L	7
PRESS WASHES	**ProWash** about 83 g/L · **Press Wash 5050** 0%	8
DIP TANK	**Complete** · **CP-2**, both 0%	9

MORE WAYS TO RECLAIM CLEANER

ZERO-VOC STRIPPING

Every emulsion remover in this guide is 0% VOC: liquid concentrates and a powder you mix with water on site.

LESS PACKAGING PER JOB

Concentrates cut down the containers you buy, ship and store. ER-160 runs up to 1:60, ER-130 up to 1:30 and DG-520 at 1:20.

DOCUMENTED EVERY TIME

Every product has a 16-section SDS and a TDS that lists VOC, Rule 1171 status and DOT shipping class. Links are on page 13.

VOC and SCAQMD Rule 1171 status are from the Kor-Chem Graphic Arts Product VOC Compliance list. Bio-4u, the unscented Bio-4, has the same VOC as Bio-4. Local rules vary; check the SDS before use.

INK REMOVAL

Ink degradents and stain removers for the washout sink, spray and manual reclaim

SINK & MANUAL INK REMOVERS

BIO-1

TDS SDS

INK REMOVER, STAIN REMOVER & DEGREASER



Dissolves plastisol, UV, solvent, water-based, enamel, electronic, epoxy and vinyl inks on contact, then lifts image stains without harming the mesh. Readily biodegradable: 71.6% in 28 days (OECD 301D).

Use as supplied | 0.5 fl oz per screen | 60.8 g/L VOC | Bubblegum scent | SCAQMD

01459-D5505 55 gal **01459-P5010** 5 gal **01459-C4201** 4 × 1 gal
01459-B1201 1 gal **01459-C3004** 12 × 1 qt

BIO-2

TDS SDS

INK REMOVER & STAIN REMOVER



Fast-acting ink remover for UV, solvent and conventional graphic inks that also takes out the ghost image left behind. Aggressive on ink yet safe for the mesh; rinses away with a high-pressure rinse.

Use as supplied | 79 g/L VOC | Cherry scent | SCAQMD

01466-D5505 55 gal **01466-P5010** 5 gal **01466-C4201** 4 × 1 gal
01466-B1201 1 gal

BIO-4

TDS SDS

INK DEGRADENT & STAIN REMOVER



Versatile remover for textile and graphic inks: plastisol, UV, water-based, solvent, enamel, epoxy and vinyl. Non-caustic stain removers lift image stains without harming the mesh.

Use as supplied | 210 g/L VOC | Cherry scent

01446-D5505 55 gal **01446-P5010** 5 gal **01446-C4201** 4 × 1 gal
01446-B1201 1 gal **01446-C3004** 12 × 1 qt

Unscented: Bio-4u (TDS · SDS), same packs as 01644-D5505 · P5010 · C4201 · B1201

BIO-7

TDS SDS

INK REMOVER, STAIN REMOVER & DEGREASER



Powerful ink degradent that works on contact on eight ink types, from plastisol and UV to epoxy and vinyl. Removes ink stains without harming mesh or emulsion, and is very low in odor.

Use as supplied | 0% VOC | Low odor | SCAQMD

01654-D5505 55 gal **01654-P5010** 5 gal **01654-C4201** 4 × 1 gal
01654-B1201 1 gal

BIO-11

TDS SDS

INK REMOVER, STAIN REMOVER & DEGREASER



Ink degradent and stain remover for textile and graphic screens, at the sink or in machines. Dissolves eight ink types on contact and lifts image stains without harming the mesh.

Use as supplied | 0% VOC | Manual or machine | SCAQMD

01628-D5505 55 gal **01628-P5010** 5 gal **01628-C4201** 4 × 1 gal
01628-B1201 1 gal **01628-C3004** 12 × 1 qt

IR-407

TDS SDS

INK DEGRADENT



Ink remover for many types of ink. Fast-acting penetrants and solvents quickly lift ink from the screen, ready for a high-pressure rinse.

Use as supplied | Solvent blend | Fast acting

01676-D5505 55 gal **01676-P5010** 5 gal **01676-C4201** 4 × 1 gal
01676-B1201 1 gal **01676-C3004** 12 × 1 qt

INK REMOVAL

Ink removers for automatic reclaim machines, recirculating washers and squeegees

AUTOMATIC RECLAIM

BIO-M

TDS SDS

SCREEN WASH, STAIN REMOVER & DEGREASER



Non-foaming screen wash for automatic reclaiming machines. Cleans plastisol, UV, solvent and water-based inks and removes stains and ghost images; safe on mesh and emulsions.

Undiluted or up to 1:1 | Non-foaming | 6% VOC | SCAQMD

01626-D5505 55 gal **01626-P5010** 5 gal **01626-C4201** 4 × 1 gal
01626-B1201 1 gal

BIO-22

TDS SDS

LOW-FOAM INK DEGRADENT & DEGREASER



Fast-acting ink remover and degreaser for automatic reclaiming equipment. Dibasic ester solvents dissolve UV, solvent and conventional inks; aggressive on ghost images yet safe on mesh.

Use as supplied | Low foaming | 7.3% VOC | SCAQMD

01518-D5505 55 gal **01518-P5010** 5 gal

TIGERWASH 100

TDS SDS

SCREEN WASH & STAIN REMOVER



Built for InPro TigerClean automatic reclaiming machines. Cleans plastisol, UV, solvent and water-based inks and removes stains from stubborn inks; safe on mesh and emulsions.

Use as supplied | Auto reclaim | 0% VOC | SCAQMD

01653-D5505 55 gal **01653-P5010** 5 gal **01653-C4201** 4 × 1 gal
01653-B1201 1 gal

Pair with TigerClean. TigerWash 100 cleans ink and TigerStrip 200 (p. 6) strips emulsion in InPro TigerClean machines. Machines are on p. 10. Complete and CP-2 (p. 9) remove ink and emulsion in one dip tank step.

RECIRCULATING & SQUEEGEE WASHES

SS INK WASH

TDS SDS

RECIRCULATING SCREEN & SQUEEGEE WASH



Ink remover for plastisol, vinyl and conventional inks, made for recirculating screen and squeegee washers. Slow evaporating to extend product life; also a sink wash, press wash and screen opener.

Use as supplied | Recirculating | Non-foaming

01641-D5505 55 gal **01641-P5010** 5 gal **01641-C4201** 4 × 1 gal

ZERO-INK WASH

TDS SDS

SQUEEGEE & FLOOD BAR WASH



Concentrated ink remover and degreaser for squeegees and flood bars, by hand or in automated squeegee cleaners. Safe on polyurethane and rubber blades. Not for use on the screen.

Dilute 2:1 | Concentrate | Squeegee safe

01627-D5505 55 gal **01627-P5010** 5 gal **01627-C4201** 4 × 1 gal

EMULSION REMOVAL

Liquid concentrates and a powder, all 0% VOC

CONCENTRATES FOR SPRAY & WIPE-ON

ER-1-2-5

TDS SDS

EMULSION REMOVER & DEGREASER



Fast removal of emulsions and capillary films by spray or wipe-on. A built-in degreaser cuts extra reclaim steps.

Dilute 1:2 – 1:5 | Built-in degreaser | SCAQMD

01484-D5505 55 gal **01484-P5010** 5 gal **01484-C4201** 4 × 1 gal

ER-130

TDS SDS

CONCENTRATED EMULSION REMOVER



Fast removal of diazo, photopolymer and capillary film emulsions, by spray bottle, sponge, scrub pad or pump system.

Up to 1:30 | Not flammable | SCAQMD

01453-D5505 55 gal **01453-P5010** 5 gal **01453-C4201** 4 × 1 gal
01453-C3002 12 × 1 qt

ER-190

TDS SDS

SUPER CONCENTRATED REMOVER



Removes emulsions and capillary films and leaves the screen degreased. At 1:90, one 8 oz bottle makes over 5 gallons.

Dilute 1:45 – 1:90 | Built-in degreaser | SCAQMD

01486-B1002 1 gal **01486-C4501** 4 × 1 gal **01486-C0805** 20 × 8 oz

ER-POWDER

TDS SDS

EMULSION REMOVER POWDER



Concentrated powder you mix with water at standard or extra strength. Starts working on contact; no odor.

1.5 – 6 oz per gal of water | Powder | SCAQMD

01483-P5007 55 lb pail **01483-B5001** 2 lb

AUTOMATIC RECLAIM

ER-160

TDS SDS

NON-FOAMING CONCENTRATE



Extra-concentrated remover for automatic reclaiming equipment and manual use. One quart makes up to 15 gallons.

Dilute 1:10 – 1:60 | Non-foaming | SCAQMD

01647-P5010 5 gal **01647-C4501** 4 × 1 gal

TIGERSTRIP 200

TDS SDS

NON-FOAMING CONCENTRATE



Built for TigerClean machines. Removes direct, dual-cure, diazo and photopolymer emulsions and capillary films.

Dilute 1:5 – 1:20 | Non-foaming | SCAQMD

01655-D5505 55 gal **01655-P5010** 5 gal **01655-C4201** 4 × 1 gal

Every emulsion remover here is 0% VOC and meets SCAQMD Rule 1171. Ratios are chemical : water; strength depends on emulsion type and hardness. Remove ink first (pp. 4–5), or strip ink and emulsion together with Complete or CP-2 (p. 9).

HAZE, GHOST & DEGREASE

Stain and ghost image removers, then a mesh degreaser before the next coat

HAZE & GHOST IMAGE REMOVERS

GIR-4U PLUS

TDS SDS

CAUSTIC GHOST IMAGE & HAZE REMOVER



Removes remaining haze and ghost images, even stubborn, locked-in stains left from earlier reclaims. Starts working on contact; screens reclaim in under 5 minutes.

Use as supplied | Caustic | Mix before use

01500-P5004 5 gal **01500-P1006** 1 gal, boxed

PROCLEAN

TDS SDS

STAIN REMOVER & DEGREASER



Removes remaining stains during reclaim and degreases the screen in the same step, helping prevent ghost images. Low VOC with a cherry odor.

Use as supplied | 87 g/L VOC | SCAQMD

01474-D5505 55 gal **01474-P5010** 5 gal **01474-C4201** 4 × 1 gal
01474-B1201 1 gal **01474-C3002** 12 × 1 qt

PINK SCRUB

TDS SDS

PASTE DEHAZER & DEGREASER



Thick, low-foaming paste that spreads into the mesh knuckles to lift ghost image stains, fabric oils and residues. Preps the screen for coating and helps reduce fish-eyes and pinholes.

Use as supplied | About 24 g/L VOC | SCAQMD

01409-P5005 5 gal **01409-P1005** 1 gal **01409-B5001** 1 qt tub

MESH DEGREASER

DG-520

TDS SDS

MESH & FABRIC DEGREASER



Concentrated degreaser that penetrates grease and oil. Use it on every newly stretched screen, as the last step of reclaiming and any time capillary film is used.

Dilute 1:20 | About 10 g/L VOC | SCAQMD

01643-D5505 55 gal **01643-P5010** 5 gal **01643-C4201** 4 × 1 gal
01643-B1201 1 gal **01643-C3002** 12 × 1 qt

Degrease in fewer steps. ER-1-2-5 and ER-190 (p. 6) have built-in degreasers. Bio-1, Bio-7 and Bio-11 (p. 4) and Bio-M (p. 5) remove ink and stains and degrease the screen.

CHOOSING A HAZE REMOVER OR DEGREASER

PRODUCT	FORM	VOC	BEST FOR
GIR-4U Plus	Caustic liquid, pH 13.5–14 (1%)	About 625 g/L	Stubborn, locked-in ghost images and haze
Pink Scrub	Non-caustic paste, pH 7–9	About 24 g/L	Ghost stains and fabric oils; screen prep before coating
ProClean	Liquid, pH 10	87 g/L	Textile screens: stain removal and degreasing in one step
DG-520	Concentrate, 1:20 with water	About 10 g/L	New screens, last reclaim step and capillary film

PRESS WASHES

Press-side wash-up, color changes and image openers during the production run

TEXTILE PRESS & SCREEN WASHES

PC-205

TDS SDS

PRESS & SCREEN WASH



Opens image areas during the run. For press-side wash-up and plastisol color changes without harming the stencil.

Use as supplied | Fast drying | Citrus odor

01680-D5505 55 gal **01680-P5010** 5 gal **01680-C4201** 4 × 1 gal
01680-B1201 1 gal **01680-C3004** 12 × 1 qt

PC-235

TDS SDS

PRESS & SCREEN WASH



Opens image areas during the run and preps plastisol color changes. Helps protect the mesh from deep stains.

Use as supplied | Cherry scent

01642-D5505 55 gal **01642-P5010** 5 gal **01642-C4201** 4 × 1 gal
01642-B1201 1 gal **01642-C3004** 12 × 1 qt

PROTEX

TDS SDS

PRESS & SCREEN WASH FOR TEXTILE



Quickly opens dried or clogged textile images during the run, without harming the emulsion. Use with good ventilation.

Use as supplied | Citrus odor | Combustible

01467-D5505 55 gal **01467-P5010** 5 gal **01467-C4201** 4 × 1 gal
01467-B1201 1 gal

PROWASH

TDS SDS

PRESS & SCREEN WASH



Opens dried or clogged images without harming the emulsion; also cleans squeegees and flood bars.

Use as supplied | About 83 g/L VOC

SCAQMD

01640-D5505 55 gal **01640-P5010** 5 gal **01640-C4201** 4 × 1 gal
01640-B1201 1 gal **01640-C3004** 12 × 1 qt

ALL-INK WASHES & IMAGE OPENERS

PC-175

TDS SDS

PRESS WASH & SCREEN IMAGE OPENER



Wash-up, color changes, equipment clean-up and reclaim prep on eight ink types. Removes vinyl adhesive; no residue.

Use as supplied | 8 ink types

01633-D5505 55 gal **01633-P5010** 5 gal **01633-C4201** 4 × 1 gal
01633-B1201 1 gal

PC-450

TDS SDS

PRESS WASH & SCREEN IMAGE OPENER



Wash-up, color changes and reclaim prep on textile and graphic screens. Removes vinyl adhesive.

Use as supplied | 8 ink types | Slight citrus

01681-D5505 55 gal **01681-P5010** 5 gal **01681-C4201** 4 × 1 gal
01681-B1201 1 gal

PRESS WASH 5050

TDS SDS

FAST-ACTING SCREEN WASH



Lifts all types of ink without affecting emulsions or tape adhesion. Highly flammable; use only with good ventilation.

Use as supplied | 0% VOC | SCAQMD

09519-D5507 55 gal **09519-P5008** 5 gal

Wash during the run, reclaim easier later. Opening the image during the run helps prevent deep stains and ghost images that need a haze remover (p. 7).

DIP TANK & EQUIPMENT

One-step ink and emulsion removers, dip tanks and the tools to apply them

ONE-STEP DIP TANK SOLUTIONS

COMPLETE

TDS SDS

ONE-STEP INK & EMULSION REMOVER



Super fast-acting: removes ink, block out, emulsion and capillary film at the same time, on all ink and emulsion combinations. Spray on as supplied or dilute in a dip tank.

As supplied or up to 1:9 · No odor · 0% VOC

SCAQMD

01450-D5505 55 gal · **01450-P5010** 5 gal · **01450-C4201** 4 × 1 gal
01450-B1201 1 gal · **01450-C3002** 12 × 1 qt

CP-2

TDS SDS

ONE-STEP INK & EMULSION REMOVER



Removes ink, block out, emulsion and capillary film together and works on contact on all ink and emulsion combinations. Spray on as supplied or dilute in a dip tank.

As supplied or up to 1:6 · No odor · 0% VOC

SCAQMD

01449-D5505 55 gal · **01449-P5010** 5 gal · **01449-C4201** 4 × 1 gal
01449-B1201 1 gal · **01449-C3001** 12 × 1 qt

DIP TANKS



KOR-CHEM DIP TANKS

Soak screens in Complete or CP-2 instead of spraying by hand, so screens soak while your staff works. Each assembly includes the polyethylene tank, lid, screen hold-down rod and shipping box.

ITEM	CAPACITY	SIZE (W × H × D)	MAX SCREEN	SHIP WT	NOTES
06918-Z0014	14 gal	24″ × 30″ × 4.5″	20 × 24″	15 lb	Manual tank
06918-Z0037	37 gal	30″ × 36″ × 8″	23 × 31″	38 lb	Adds drain port and faucet
Custom	50–180 gal	Built per order in reinforced polyethylene			Ask your sales rep

SCREEN ROOM EQUIPMENT



PUMP SPRAY SYSTEM

Air-driven diaphragm pump with mounting bracket, spray gun, 25′ coiled hose and 100′ tubing with fittings. Delivers chemical straight to the screen.

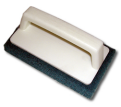
06925-Z0025 · 10 lb



GUNJET SPRAY GUN

Ergonomic gun with a forged brass body and stainless working parts. 5 gpm, up to 1,500 psi and 200°F.

06927-Z0001 · 2 lb



SCRUB PAD WITH HANDLE

Heavy-duty 6″ × 3.5″ pad fused to the handle; resists high pH. 24 per case.

06924-Z0024 · 12 lb case



SPRAY BOTTLES

Chemical-resistant 32 fl oz bottles with trigger sprayers, 12 per case.

06920-C3004 · 2 lb case



TRIGGER SPRAYERS

Chemical-resistant green trigger sprayers, sold in packs of 50.

PKG-700333 · 3 lb

SIPHON DRUM PUMP

Manual plastic siphon pump for 55 and 30 gal drums. About 1 pint every 3 strokes.

PKG-850000 · 1 lb

Running a dip tank. Fill the tank with water, then add Complete or CP-2 at the ratio for your screens; strength depends on mesh count, ink and emulsion type and how much ink is left on the screen. Scrape excess ink first, soak until the ink and emulsion dissolve, then high-pressure rinse both sides and flood rinse at low pressure. Do not mix with other chemicals.

TRIAL KITS & MACHINES

Trial kits for testing and InPro TigerClean automatic reclaiming

TRIAL KITS





Starter kits for smaller shops and for testing a full reclaim program on your own inks, emulsions and mesh before you order full sizes. Every product in a kit has its TDS and SDS on kor-chem.com.

KIT	ITEM	INCLUDES	SHIP WT
Graphics Quart Trial Kit	01444-C3403	Bio-2, ER-188, DHL, PC-175, sprayers and scrub pads with handles	10 lb
Textile Quart Trial Kit #1	01443-C3403	Bio-1, CP-2, ProWash, Hands Down, sprayers and scrub pads with handles	10 lb
Textile Quart Trial Kit #4	01437-C3403	Bio-1, ER-188, ProWash, Pink Scrub, Hands Down, spray bottles and scrub pads with handles	26 lb
Graphics Gallon Trial Kit	01442-C4103	Bio-2, ER-188, PC-175, sprayers, spray bottles and scrub pads with handles	26 lb
Textile Gallon Trial Kit	01440-C4103	Bio-1, CP-2, ProWash, spray bottles and scrub pads with handles	26 lb

INPRO TIGERCLEAN AUTOMATIC MACHINES





TigerClean machines automate screen cleaning, reclaiming and developing for textile, industrial and graphic printers. Modular lines can be upgraded as volume grows; soft-touch brushes clean ink without harming the mesh, and separate chambers limit chemical cross-contamination.

MACHINE	ITEM	OPENING	CONFIGURATION
TigerClean TC110-3ECO	INP TC110-3ECO	43″	Reclaiming unit with 3 chambers in line
TigerClean TC120-3	INP TC120-3	47″	3 chambers in line; oversized opening for larger screens
TigerClean TC100-3 All-in-One	INP TC100-3AIO	39″	2 chambers in line plus a high-pressure rinse chamber that doubles as a developer
TigerClean Combi-Eco	INP TC-COMBI	47″	Screen developer with integrated high-pressure washer; used with a dip tank
TigerClean TC110-DEV	INP TC110-DEV	43″	Screen developer for washing out newly coated screens

Machines run 220/240 V, 3-phase power. Run them with TigerWash 100 (p. 5) and TigerStrip 200 (p. 6). Options and other layouts on request.

MACHINE INQUIRIES Call 800-752-6627 or email sales@kor-chem.com for machine quotes, demonstrations and setup. Kor-Chem supplies the reclaim chemistry and screen room support to run each machine.

INK & EMULSION COMPATIBILITY

Which products to use on each ink and emulsion type

INK REMOVERS & PRESS WASHES BY INK TYPE

PRODUCT	PLASTISOL	WATER-BASED	UV	SOLVENT / CONVENTIONAL	ENAMEL	EPOXY	VINYL
INK REMOVAL							
Bio-1 p. 4	●	●	●	●	●	●	●
Bio-2 p. 4			●	●			
Bio-4 p. 4	●	●	●	●	●	●	●
Bio-7 p. 4	●	●	●	●	●	●	●
Bio-11 p. 4	●	●	●	●	●	●	●
IR-407 p. 4	●			●			
Bio-M p. 5	●	●	●	●			
Bio-22 p. 5			●	●			
TigerWash 100 p. 5	●	●	●	●			
SS Ink Wash p. 5	●			●			●
Zero-Ink Wash p. 5	●	●					
PRESS WASHES & ONE-STEP							
PC-175 p. 8	●	●	●	●	●	●	●
PC-450 p. 8	●	●	●	●	●	●	●
PC-205 p. 8	●						
PC-235 p. 8	●						
ProTex p. 8	●						
ProWash p. 8	●	●	●	●			
Press Wash 5050 p. 8	●	●	●	●	●	●	●
Complete p. 9	●	●	●	●	●	●	●
CP-2 p. 9	●	●	●	●	●	●	●

EMULSION REMOVERS BY EMULSION TYPE

PRODUCT	DIAZO	PHOTOPOLYMER	DUAL-CURE	CAPILLARY FILM	HARDENED EMULSION
ER-130 p. 6	●	●		●	
ER-160 p. 6	●	●	●	●	
TigerStrip 200 p. 6	●	●	●	●	
ER-1-2-5 p. 6	●	●	●	●	●
ER-190 p. 6	●	●	●	●	●
ER-Powder p. 6	●	●	●	●	●
Complete p. 9	●	●	●	●	●
CP-2 p. 9	●	●	●	●	●

● Kor-Chem lists the product for this ink or emulsion type. Products rated for "all types" are marked in every column. TigerStrip 200 is also listed for direct emulsions. Test on your own inks, emulsions and mesh first; trial kits are on p. 10.

PROGRAMS BY SHOP TYPE

Product picks for each reclaim step, by the way your shop prints and reclaims

RECOMMENDED PROGRAMS

Starting points by shop type. Step numbers follow the four-step reclaim on p. 2: **P** press wash, **1** ink, **2** emulsion, **3** haze, **4** degrease. Adjust to your inks, emulsions and equipment, and follow each product's TDS.

TEXTILE · PLASTISOL

Manual reclaim at the washout sink.

- P **PC-235 or PC-205** — Wash-up and color changes on press
- 1 **Bio-1, Bio-4 or Bio-7** — Ink and stain removal
- 2 **ER-1-2-5 or ER-130** — Concentrates; ER-130 runs up to 1:30
- 3 **Pink Scrub or ProClean** — Ghost image stains and haze
- 4 **DG-520** — New screens and before coating

GRAPHICS · UV & SOLVENT

Manual reclaim of graphic screens.

- P **PC-175 or PC-450** — Image opener for eight ink types
- 1 **Bio-2** — Ink and stain remover for UV and solvent inks
- 2 **ER-130 or ER-190** — Concentrates; ER-190 runs up to 1:90
- 3 **GIR-4U Plus** — Stubborn, locked-in ghost images
- 4 **DG-520** — New screens and before coating

RULE 1171 · LOW VOC

Every product here meets the SCAQMD screen printing limit.

- P **ProWash or Press Wash 5050** — About 83 g/L and 0% VOC
- 1 **Bio-1, Bio-7 or Bio-11** — 60.8 g/L or 0% VOC
- 2 **Any Kor-Chem emulsion remover** — All are 0% VOC
- 3 **Pink Scrub or ProClean** — About 24 g/L and 87 g/L
- 4 **DG-520** — About 10 g/L

AUTOMATIC RECLAIM

TigerClean and other automatic machines.

- 1 **TigerWash 100, Bio-M or Bio-11** — Ink and stain removal in the machine; Bio-22 for graphic inks
- 2 **TigerStrip 200 or ER-160** — Non-foaming emulsion removers
- 3 **Bio-M** — Also lifts stains and ghost images in the machine
- S **Zero-Ink Wash or SS Ink Wash** — Squeegee and recirculating washers

DIP TANK · ONE STEP

Strip ink and emulsion together by soaking.

- 1 **Complete or CP-2** — Up to 1:9 or 1:6 in a 14 or 37 gal dip tank
- \+ **Bio-1 or Bio-4** — Ink remover on both sides after the soak, per the TDS
- 3 **Pink Scrub** — Remaining stains, then prep for coating
- 4 **DG-520** — Degrease before coating

STARTING OUT

Smaller shops or a first order.

- K **Textile or Graphics Trial Kit** — Quart or gallon kits, p. 10
- 1 **Bio-1** — One product for ink, stains and degreasing
- 2 **ER-130** — As supplied or diluted up to 1:30
- 3 **Pink Scrub** — Dehaze and prep in one paste

RECLAIM HABITS THAT PAY OFF

CARD INK OFF FIRST

Scrape or card excess ink off the screen before reclaim. Ink removers work best on dry screens.

RINSE THE RIGHT WAY

Use a cold-water, low-volume, high-pressure rinse, working from the bottom up and side to side.

NEVER MIX CHEMICALS

Use each product as supplied or diluted with water only, in a plastic container for dilutions.

DRY BEFORE COATING

Let the screen dry completely after degreasing and before applying the next emulsion coat.

Need help building a program? Our technical service team helps with product selection, trials and screen room problems. Call 800-752-6627 or email sales@kor-chem.com.

PRODUCT SELECTOR

Every product by reclaim step, with use, VOC, Rule 1171 status and data sheet links

EVERY PRODUCT AT A GLANCE

STEP	PRODUCT	USE	METHODS	VOC	SCAQMD	PAGE	DOCUMENTS
INK REMOVAL	**Bio-1**	As supplied	T G M	60.8 g/L	Yes	4	TDS SDS
	Bio-2	As supplied	G M	79 g/L	Yes	4	TDS SDS
	Bio-4	As supplied	T G M	About 210 g/L	No	4	TDS SDS
	Bio-7	As supplied	T G M	0%	Yes	4	TDS SDS
	Bio-11	As supplied	T G M A	0%	Yes	4	TDS SDS
	IR-407	As supplied	T G M	About 740 g/L	No	4	TDS SDS
	Bio-M	Up to 1:1	T G M A	6% by wt	Yes	5	TDS SDS
	Bio-22	As supplied	G A	About 79 g/L	Yes	5	TDS SDS
	TigerWash 100	As supplied	T G M A	0%	Yes	5	TDS SDS
	SS Ink Wash	As supplied	T G M	About 949 g/L	No	5	TDS SDS
	Zero-Ink Wash	2:1	T G S	About 673 g/L	No	5	TDS SDS
EMULSION REMOVAL	**ER-1-2-5**	1:2 – 1:5	T G M	0%	Yes	6	TDS SDS
	ER-130	Up to 1:30	T G M A	0%	Yes	6	TDS SDS
	ER-190	1:45 – 1:90	T G M	0%	Yes	6	TDS SDS
	ER-Powder	1.5–6 oz/gal	M	0%	Yes	6	TDS SDS
	ER-160	1:10 – 1:60	T G M A	0%	Yes	6	TDS SDS
	TigerStrip 200	1:5 – 1:20	T G M A	0%	Yes	6	TDS SDS
HAZE & DEGREASE	**GIR-4U Plus**	As supplied	T G M	About 625 g/L	No	7	TDS SDS
	Pink Scrub	As supplied	T G M	About 24 g/L	Yes	7	TDS SDS
	ProClean	As supplied	T M	87 g/L	Yes	7	TDS SDS
	DG-520	1:20	T G M	About 10 g/L	Yes	7	TDS SDS
PRESS WASHES	**PC-205**	As supplied	T M	About 770 g/L	No	8	TDS SDS
	PC-235	As supplied	T M	About 820 g/L	No	8	TDS SDS
	ProTex	As supplied	T M	About 426 g/L	No	8	TDS SDS
	ProWash	As supplied	T M	About 83 g/L	Yes	8	TDS SDS
	PC-175	As supplied	T G M	About 915 g/L	No	8	TDS SDS
	PC-450	As supplied	T G M	About 779 g/L	No	8	TDS SDS
	Press Wash 5050	As supplied	T G M	0%	Yes	8	TDS SDS
DIP TANK	**Complete**	Up to 1:9	T G M	0%	Yes	9	TDS SDS
	CP-2	Up to 1:6	T G M	0%	Yes	9	TDS SDS

Methods: T textile · G graphics · M manual · A automatic reclaim · S squeegee and flood bar. Ratios are chemical : water; see the TDS for full directions and use rates. VOC and SCAQMD Rule 1171 status are from the Kor-Chem Graphic Arts Product VOC Compliance list. Bio-4u, the unscented Bio-4, has the same use and status (p. 4). Click a product name for its web page, or TDS / SDS for the data sheets.

ORDERING & SHIPPING

Package codes, shipping weights and DOT ground class for every pack

PACK SIZES, SHIPPING WEIGHTS & DOT CLASS

PRODUCT	55 GAL	5 GAL	4 × 1 GAL	1 GAL	12 × 1 QT	OTHER	DOT, GROUND
Bio-1 01459	D5505 465	P5010 42	C4201 34	B1201 —	C3004 25		Not regulated
Bio-2 01466	D5505 497	P5010 45	C4201 36	B1201 —			Not regulated
Bio-4 01446	D5505 481	P5010 44	C4201 35	B1201 —	C3004 26		Not regulated
Bio-7 01654	D5505 496	P5010 45	C4201 36	B1201 —			Not regulated
Bio-11 01628	D5505 468	P5010 43	C4201 34	B1201 —	C3004 26		Not regulated
IR-407 01676	D5505 357	P5010 32	C4201 26	B1201 —	C3004 19		Not regulated
Bio-M 01626	D5505 473	P5010 43	C4201 34	B1201 —			Not regulated
Bio-22 01518	D5505 496	P5010 45					Not regulated
TigerWash 100 01653	D5505 499	P5010 45	C4201 36	B1201 —			Not regulated
SS Ink Wash 01641	D5505 435	P5010 40	C4201 32				Not regulated
Zero-Ink Wash 01627	D5505 473	P5010 43	C4201 34				Not regulated
ER-1-2-5 01484	D5505 507	P5010 46	C4201 37				Not regulated
ER-130 01453	D5505 492	P5010 45	C4201 36		C3002 27		Not regulated
ER-190 01486			C4501 49	B1002 12		C0805 20 × 8 oz: 15	UN3093, 8, PG II (C4501, B1002); Ltd Qty (C0805)
ER-Powder 01483						P5007 55 lb pail: 55 B5001 2 lb container: 2	UN3085, 5.1, PG II (P5007); Ltd Qty (B5001)
ER-160 01647		P5010 54	C4501 43				UN3098, 5.1, PG II
TigerStrip 200 01655	D5505 520	P5010 47	C4201 38				UN3098, 5.1, PG III (D5505, P5010); Ltd Qty (C4201)
GIR-4U Plus 01500		P5004 44		P1006 9			UN1760, 8, PG II
Pink Scrub 01409		P5005 43		P1005 9		B5001 1 qt tub: —	Not regulated
ProClean 01474	D5505 497	P5010 45	C4201 36	B1201 —	C3002 27		Not regulated
DG-520 01643	D5505 467	P5010 42	C4201 34	B1201 —	C3002 25		Not regulated
PC-205 01680	D5505 372	P5010 34	C4201 27	B1201 —	C3004 20		Not regulated
PC-235 01642	D5505 376	P5010 34	C4201 27	B1201 —	C3004 21		Not regulated
ProTex 01467	D5505 411	P5010 37	C4201 30	B1201 —			Not regulated
ProWash 01640	D5505 381	P5010 35	C4201 28	B1201 —	C3004 21		Not regulated
PC-175 01633	D5505 426	P5010 39	C4201 31	B1201 —			Not regulated
PC-450 01681	D5505 429	P5010 39	C4201 31	B1201 —			Not regulated
Press Wash 5050 09519	D5507 357	P5008 32					UN1993, 3, PG II
Complete 01450	D5505 481	P5010 44	C4201 35	B1201 —	C3002 26		Not regulated
CP-2 01449	D5505 473	P5010 43	C4201 34	B1201 —	C3001 26		Not regulated

Each cell shows the package code and shipping weight in lb; the full item number is the product number plus the package code (for example 01459-D5505). Weights are from the Kor-Chem screen print price list; "—" means no weight is listed. DOT class is from each product's TDS; Ltd Qty means Limited Quantity. Bio-4u (01644) matches Bio-4. Freight terms, minimums and returns are on the price list.

WHY KOR-CHEM

MADE IN ATLANTA SINCE 1972

Kor-Chem makes its screen print chemistry in Atlanta, Georgia, and backs every product with a current TDS and SDS.

Scan for screen printing products, TDS and SDS

20 of 30
products meet SCAQMD Rule 1171

12
products at 0% VOC

ISO 9001
certified quality system

1:90
ER-190, our most concentrated

MADE BY KOR-CHEM

We formulate, blend and package our own chemistry in Atlanta, with lot numbers on every label for traceability.

IN-HOUSE LAB

FTIR and wet-property testing in our own lab support quality checks, troubleshooting and custom formulation.

TECHNICAL SERVICE

Our technical team helps with product selection, trials and screen room problems, from the first test to full production.

HOW TO ORDER

Order through your Kor-Chem sales representative or distributor, or call the order desk.
800-752-6627 · **sales@kor-chem.com**

MACHINES & SETUP

For TigerClean machines, dip tanks and pump spray systems, call 800-752-6627 or email sales@kor-chem.com.

GOOD TO KNOW

Shelf life is 1 year minimum at 75°F in the original closed container; keep from freezing. Hand and shop cleaners are in the Kor-Chem Institutional Product Guide.

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404-344-9580 · **kor-chem.com**

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