PIF 01484

ER-1-2-5

CONCENTRATED EMULSION REMOVER & DEGREASER

DILUTES UP TO **1:5** CHEMICAL : WATER

pH 3.0–4.0 | Concentrate | Built-in degreaser | 0% VOC

Textile Printing | Graphics Printing | Manual

DESCRIPTION

ER-1-2-5 is a concentrated emulsion remover for fast removal of emulsions and capillary films by spray or wipe-on application. Dilute it 1:2 to 1:5 with water to suit the emulsion and method. Its built-in degreaser cuts extra steps from the reclaim process.

ADVANTAGES

Fast Acting
Fast removal of hardened emulsions

Concentrated
Dilutes 1:2 to 1:5 with water for economy

Built-In Degreaser
Cuts extra steps from the reclaim process

0% VOC, Not Flammable
No VOCs by weight; no flash point

DIRECTIONS

- Dilute 1:2 to 1:5 with water, by emulsion type and method. Mix in a plastic container. Do not mix with other chemicals.
- Spray or wipe evenly onto the print side of the screen; for hard emulsions, apply to both sides.
- Let stand up to 3 minutes, by emulsion type and hardness.
- Rinse with medium- to high-pressure cold water, then rinse again to remove any chemical left on the screen.
- Let the screen dry completely before recoating.



55 gal drum
01484-D5505



5 gal pail
01484-P5010



4 × 1 gal
01484-C4201



12 × 1 qt
01484-C3001

USE DILUTION & YIELD

RATIO	OZ PER GAL	1 QT MAKES	PAIL MAKES	COST PER GAL OF USE
1:2	42.7 oz	0.8 gal	15 gal	$22.46
1:3	32.0 oz	1.0 gal	20 gal	$16.85
1:4	25.6 oz	1.3 gal	25 gal	$13.48
1:5	21.3 oz	1.5 gal	30 gal	$11.23

Ratio = chemical : water. Volumes are calculated from the ratio. Cost per gallon of working solution based on the 55 gal drum at MSRP ($67.39/gal, effective July 3, 2026); your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01484-D5505	55 gal drum	Not regulated
01484-P5010	5 gal pail	Not regulated
01484-C4201	4 × 1 gal	Not regulated
01484-C3001	12 × 1 qt	Not regulated

PIF 01484 · TDS rev02 · Issued October 19, 2026 · Supersedes rev01

Read the product label and Safety Data Sheet before use. Orders: 800-752-6627 · sales@kor-chem.com

SCAN FOR SDS
kor-chem.com/sds

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ER-1-2-5

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL
Bio-1 · Bio-4 · Bio-11

› 2 EMULSION REMOVAL
ER-1-2-5 (this product)

› 3 STAIN REMOVAL (HAZE)
GIR-4U Plus · Pink Scrub · Bio-1

› 4 DEGREASE
ER-1-2-5 (this product)

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Colorless, clear liquid	**Flash point**	Not flammable
Odor	None	**VOC**	0% by weight
pH	3.0–4.0	**Evaporation rate**	<1 (n-butyl acetate = 1)
Specific gravity	1.085	**Solubility in water**	Complete
Weight, per U.S. gallon	9.0 lb	**Stability**	Stable

SAFETY & HANDLING

HAZARDS (GHS)

- May be harmful if swallowed (H303)
- Causes skin irritation (H315)
- Causes serious eye irritation (H319)
- Mists or sprays may irritate the respiratory tract

FIRST AID

- **If swallowed:** Do NOT induce vomiting. Call a physician immediately. If fully conscious, rinse mouth and drink 1–2 glasses of water.
- **If on skin or hair:** Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
- **If inhaled:** If symptoms develop, move to fresh air. If breathing is difficult, a trained person should give oxygen; call a physician.
- **If in eyes:** Flush with water for at least 15 minutes, holding eyelids open. Remove contact lenses. Get medical attention if irritation persists.

PROTECTIVE EQUIPMENT

- **Eyes:** Safety glasses with side shields or splash-proof goggles.
- **Hands & body:** Chemical-resistant (impervious) gloves; normal work clothing.
- **Breathing:** Use in a well-ventilated area. NIOSH-approved respirator if vapors cause irritation or mists or sprays are generated.

STORAGE & DISPOSAL

- **Shelf life:** 1 year minimum at 75°F in the original closed container.
- Keep from freezing.
- **Lot number:** bottom right corner of every label, a Julian date followed by the item number.
- Keep away from heat, flame and sunlight. Keep closed; protect from damage. Store away from combustibles, reducing agents, powdered metals and organic matter.
- **Disposal:** Do not dump into sewers, on the ground or into waterways. Dispose of per federal, state and local regulations.

Safety information summarized from the ER-1-2-5 Safety Data Sheet. The SDS governs; see it for full precautions.

REGISTRATIONS & COMPLIANCE

GHS signal word	WARNING
VOC	0% by weight
California SCAQMD Rule 1171	Compliant
California Prop 65	Contains no listed chemicals
DOT, ground	Not regulated
Air and vessel	IATA / IMDG: not regulated

ORDERING & SUPPORT

- **Orders:** 800-752-6627 · sales@kor-chem.com · shop.kor-chem.com
- **SDS:** scan the code below or visit kor-chem.com/sds
- **Find a distributor:** kor-chem.com/distributor-locator
- **Technical service:** our screen printing team can help set the dilution and dwell time for your emulsion and application method.
- **Next step:** remove remaining stains (haze) with GIR-4U Plus, Pink Scrub or Bio-1; degrease with DG-520 if needed.
- **Equipment:** Kor-Chem also supplies dip tanks, spray guns, scrub pads and InPro TigerClean automatic screen reclaiming systems.
- **Made in Atlanta:** manufactured by Kor-Chem, Inc., Atlanta, Georgia.

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