PIF 01481

ER-188

READY-TO-USE EMULSION REMOVER

DWELL TIME UP TO

3 min

READY TO USE · NO MIXING

pH 1 | Ready to use | No odor | 0% VOC

Textile Printing | Graphics Printing | Manual

DESCRIPTION

ER-188 is a full-strength, ready-to-use emulsion remover for fast removal of emulsions and capillary films from screens. It breaks down hardened emulsion without harming the mesh, with no dilution or mixing. ER-188 contains no VOCs and is not flammable.

ADVANTAGES

Ready to Use
No mixing or dilution needed

Fast Acting
Immediately breaks down hardened emulsion

Mesh Safe
Safe on all types of mesh

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

DIRECTIONS

- Remove ink first with a non-film-forming ink remover such as Bio-1, then rinse with water to remove any block-out.
- Spray ER-188 as supplied, 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
01481-D5505



5 gal pail
01481-P5010



4 × 1 gal
01481-C4201



12 × 1 qt
01481-C3002

COST PER SCREEN

FL OZ PER SCREEN	SCREENS PER GAL	SCREENS PER DRUM	COST PER SCREEN
0.5 fl oz (reference)	256	14,080	$0.09
1 fl oz	128	7,040	$0.17

Reference use: 0.5 fl oz per screen, about 15 trigger sprays at 1 ml per spray, for $0.09 per screen. Cost = fl oz used × $0.17 per fl oz ($22.16/gal, 55 gal drum MSRP, effective July 3, 2026). Actual use varies with screen size and emulsion; your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01481-D5505	55 gal drum	Not regulated
01481-P5010	5 gal pail	Not regulated
01481-C4201	4 × 1 gal	Not regulated
01481-C3002	12 × 1 qt	Not regulated

PIF 01481 · 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

KOR-CHEM
ATLANTA, GEORGIA 30336
MAIN OFFICE: 404-344-9580
E-MAIL: sales@kor-chem.com
WEB: www.kor-chem.com

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ER-188

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL
Bio-1 · Bio-4 · Bio-11

› 2 EMULSION REMOVAL
ER-188 (this product)

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

› 4 DEGREASE
DG-520 · ProClean · Bio-1

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Colorless, clear liquid	**Flash point**	Not flammable
Odor	None	**VOC**	0% by weight
pH	1	**Evaporation rate**	<1 (n-butyl acetate = 1)
Specific gravity	1.150	**Solubility in water**	Complete
Weight, per U.S. gallon	9.6 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-188 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 dwell time and rinse pressure for your emulsion and screens.
- **Next step:** remove remaining stains (haze) with GIR-4U Plus, Pink Scrub or Bio-1, then degrease with DG-520.
- **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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