PIF 01647

ER-160

NON-FOAMING EMULSION REMOVER CONCENTRATE

DILUTES UP TO
1:60
CHEMICAL : WATER

pH 0.5–1.5 (1%) | Concentrate | Non-foaming | 0% VOC

Textile Printing | Graphics Printing | Auto Reclaim | Manual

DESCRIPTION

ER-160 is a non-foaming, extra-concentrated emulsion remover for automatic screen reclaiming equipment. It removes many types of emulsions and capillary films without damaging the screen mesh. One quart makes up to 15 gallons of ready-to-use emulsion remover. ER-160 contains no VOCs and is not flammable.

ADVANTAGES

Non-Foaming
Built for automatic screen reclaiming machines

Extra Concentrated
1 qt makes up to 15 gal (1:60 with water)

Fast Acting
Works in a dwell time of up to 3 minutes

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

DIRECTIONS

- Use as supplied or dilute up to 1:60 with water, by emulsion type and method. Mix in a plastic container. Do not mix with other chemicals.
- Spray 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.
- Automatic reclaimers: consult your regional sales manager for detailed use instructions for your particular application.



5 gal pail
01647-P5010



4 × 1 gal
01647-C4501



12 × 1 qt
01647-C3001

USE DILUTION & YIELD

RATIO	OZ PER GAL	1 QT MAKES	PAIL MAKES	COST PER GAL OF USE
1:10	11.6 oz	2.8 gal	55 gal	$26.13
1:20	6.1 oz	5.3 gal	105 gal	$13.69
1:40	3.1 oz	10.3 gal	205 gal	$7.01
1:60	2.1 oz	15.3 gal	305 gal	$4.71

Ratio = chemical : water. Volumes are calculated from the ratio. Cost per gallon of working solution based on the 5 gal pail at MSRP ($287.48/gal, effective July 3, 2026); your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01647-P5010	5 gal pail	UN3098, 5.1, PG II
01647-C4501	4 × 1 gal	UN3098, 5.1, PG II
01647-C3001	12 × 1 qt	Limited Quantity

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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-160

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL
Bio-1 · Bio-4 · Bio-11

› 2 EMULSION REMOVAL
ER-160 (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, slightly hazy liquid	**VOC**	0% by weight
Odor	Acidic	**Foam**	None
pH (1% solution)	0.5–1.5	**Solubility in water**	Complete
Specific gravity	1.295	**Stability**	Stable
Weight, per U.S. gallon	10.8 lb	**Emulsions removed**	Standard, dual-cure, capillary film
Flash point	Not flammable		

SAFETY & HANDLING

HAZARDS (GHS)

- May intensify fire; oxidizer (H272)
- May be corrosive to metals (H290)
- Causes severe skin burns and eye damage (H314)
- Mists are corrosive to the respiratory tract

FIRST AID

- **If swallowed:** Rinse mouth. Do NOT induce vomiting. Call a physician immediately.
- **If on skin or hair:** Remove contaminated clothing immediately. Rinse skin with water; wash with soap and water. Get medical attention.
- **If inhaled:** Move to fresh air; keep at rest. Call a poison center or doctor immediately.
- **If in eyes:** Flush with water for at least 15 minutes, holding eyelids open. Remove contact lenses. Get medical attention immediately.

PROTECTIVE EQUIPMENT

- **Eyes:** Safety glasses with side shields or splash-proof goggles, and a face shield.
- **Hands & body:** Chemical-resistant gloves, apron and boots.
- **Breathing:** NIOSH-approved respirator with acid cartridge if vapors cause irritation or mists 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.
- Oxidizer: keep only in the original container, tightly closed. Keep away from heat, combustible materials, reducing agents and strong acids. Store locked up.
- **Disposal:** Do not dump into sewers, on the ground or into waterways. Dispose of per federal, state and local regulations. Waste may be RCRA D002 (corrosive).

Safety information summarized from the ER-160 Safety Data Sheet. The SDS governs; see it for full precautions.

REGISTRATIONS & COMPLIANCE

GHS signal word	DANGER
VOC	0% by weight
California SCAQMD Rule 1171	Compliant
California Prop 65	Contains no listed chemicals
DOT, ground	UN3098, Oxidizing liquid, corrosive, n.o.s. (periodic acid), 5.1 (8), PG II. 1 qt bottles (12 × 1 qt case) ship as Limited Quantity (PG II limit is 1 L per inner container).
Air and vessel	IATA / IMDG: UN3098, 5.1 (8), PG II

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 equipment.
- **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 and InPro TigerClean automatic screen reclaiming systems.
- **Made in Atlanta:** manufactured by Kor-Chem, Inc., Atlanta, Georgia.

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