PIF 01483

ER-POWDER

CONCENTRATED EMULSION REMOVER POWDER

STANDARD MIX

1.5–3 oz

POWDER PER GAL OF WATER

pH 5.5 (1%) | Powder concentrate | No odor | 0% VOC

Manual

DESCRIPTION

ER-Powder is a highly concentrated emulsion remover powder for fast removal of emulsions and capillary films from screens. Mix it with water at standard or extra strength; the solution begins to work on contact. ER-Powder contains no VOCs and has no odor.

ADVANTAGES

Fast Acting
Begins to work on contact

Highly Concentrated
1.5–3 oz of powder treats 1 gal of water

Removes Hardened Emulsions
Fast removal of emulsions and capillary films

0% VOC, No Odor
No VOCs; odorless powder

DIRECTIONS

- In a plastic container, mix 1.5–3 oz of powder per gallon of water for standard strength, or 4–6 oz for extra strength. Mix thoroughly.
- After removing ink, spray or wipe the solution evenly onto the print side, side to side and bottom to top; wipe with a sponge or cloth.
- Let stand 1–3 minutes.
- Rinse with medium-pressure, low-volume cold water; let the screen dry completely before recoating.
- Strong oxidizer: avoid dust; wear eye protection and gloves; keep the powder away from heat, acids and combustibles.



55 lb pail
01483-P5007



2 lb container
01483-B5001

USE DILUTION & YIELD

OZ PER GAL WATER	MIX	2 LB MAKES	PAIL MAKES	COST PER GAL OF USE
1.5 oz	Standard	21.3 gal	587 gal	$8.33
3 oz	Standard	10.7 gal	293 gal	$16.65
4 oz	Extra	8.0 gal	220 gal	$22.20
6 oz	Extra	5.3 gal	147 gal	$33.30

Oz = ounces of powder by weight per gallon of water; yields are gallons of water treated. Cost per gallon of solution based on the 55 lb pail at MSRP ($88.81/lb, effective July 3, 2026); your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01483-P5007	55 lb pail	UN3085, 5.1, PG II
01483-B5001	2 lb container	Limited Quantity

PIF 01483 · 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-POWDER

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL
Bio-1 · Bio-4 · Bio-11

› **2 EMULSION REMOVAL**
ER-Powder (this product)

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

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

TYPICAL PRODUCT CHARACTERISTICS

Appearance	White, granular solid	**VOC**	0% by weight
Odor	None	**Solubility in water**	Complete
pH (1% solution)	5.5	**Stability**	Stable
Density	4 g/cm³	**Standard mix**	1.5–3 oz per gal of water
Flash point	Not flammable	**Extra strength**	4–6 oz per gal of water

SAFETY & HANDLING

HAZARDS (GHS)

- May cause fire or explosion; strong oxidizer (H271)
- Causes severe skin burns and eye damage (H314)
- Causes damage to organs (thymus) through prolonged or repeated exposure (H372)
- Very toxic to aquatic life (H400)
- Toxic to aquatic life with long-lasting effects (H411)

FIRST AID

- **If swallowed:** Immediately call a poison center or doctor. Do NOT induce vomiting.
- **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:** Move to fresh air; keep at rest. Call a poison center or doctor if you feel unwell.
- **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; fire-resistant or flame-retardant clothing.
- **Breathing:** Use only in a well-ventilated area; avoid dust. Respirator or dust mask if airborne levels are high.

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 cool, tightly closed and locked up in a well-ventilated place. Store separately, away from acids, organics, reducing agents and flammables.
- **Disposal:** Do not dump into sewers, on the ground or into waterways; very toxic to aquatic life. Dispose of per federal, state and local regulations.

Safety information summarized from the ER-Powder 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	UN3085, Oxidizing solid, corrosive, n.o.s. (sodium metaperiodate), 5.1 (8), PG II. 2 lb containers ship as Limited Quantity (PG II limit is 1 kg per inner container, 49 CFR 173.152).
Air and vessel	UN3085, 5.1 (8), PG II. Air: 5 kg max per package on passenger aircraft, 25 kg cargo aircraft only.

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 mixing strength and dwell time 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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