PIF 01446

BIO-4

INK DEGRADENT & STAIN REMOVER

WORKS ON

7

INK TYPES · PLASTISOL TO VINYL

Use as supplied | 0% VOC | Cherry scent

Textile Printing | Graphics Printing | Manual

DESCRIPTION

Bio-4 is a versatile ink degradent and stain remover for textile and graphic inks. It dissolves plastisol, UV, water-based, conventional/solvent-based, enamel, epoxy and vinyl inks on contact, and its non-caustic stain removers lift image stains without harming the mesh. Bio-4 rinses freely with water and has a cherry scent.

ADVANTAGES

Ink & Stain Removal
Dissolves ink and lifts image stains

Works on Graphic & Textile Inks
Plastisol, UV, water-based, solvent, epoxy, vinyl

Emulsion & Mesh Safe
Non-caustic stain removers are mesh safe

0% VOC
0% VOC by weight (SDS Section 9)

DIRECTIONS

- Card excess ink off the screen first. Works best on dry screens.
- Spray the ink side of the screen in a light, even pattern, as supplied.
- Agitate the ink with a brush or cloth.
- Rinse with a cold-water, low-volume, high-pressure rinse.
- Wear gloves and eye protection; use with good ventilation, away from heat and flame.

55 gal drum
01446-D5505

5 gal pail
01446-P5010

1 gal · 4 × 1 gal
B1201 · C4201

12 × 1 qt
01446-C3004

COST PER SCREEN

FL OZ PER SCREEN	SCREENS PER GAL	SCREENS PER DRUM	COST PER SCREEN
0.5 fl oz (reference)	256	14,080	$0.14
1 fl oz	128	7,040	$0.28

Reference use: 0.5 fl oz per screen, about 15 trigger sprays at 1 ml per spray, for $0.14 per screen. Cost = fl oz used × $0.28 per fl oz ($35.61/gal, 55 gal drum MSRP, effective July 3, 2026). Actual use varies with screen size and ink load; your distributor price may differ.

AVAILABLE PACK SIZES

ITEM NO.	PACK SIZE	DOT
01446-D5505	55 gal drum	Not regulated
01446-P5010	5 gal pail	Not regulated
01446-C4201	4 × 1 gal	Not regulated
01446-B1201	1 gal bottle	Not regulated
01446-C3004	12 × 1 qt	Not regulated

PIF 01446 · TDS rev02 · Issued October 19, 2026 · Supersedes rev1.1

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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BIO-4

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL	2 EMULSION REMOVAL	3 STAIN REMOVAL (HAZE)	4 DEGREASE
Bio-4 (this product)	ER-160 · ER-190 · ER-1-2-5	**Bio-4 (this product)**	DG-520 · ProClean · Bio-1

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Straw-colored, clear liquid	**Flash point**	130°F (54.4°C)
Odor	Cherry	**VOC**	0% by weight
pH	Not applicable (solvent)	**Evaporation rate**	>1 (n-butyl acetate = 1)
Specific gravity	1.050	**Solubility in water**	Negligible
Weight, per U.S. gallon	8.8 lb	**Stability**	Stable

SAFETY & HANDLING

HAZARDS (GHS)

- Combustible liquid (H227)
- May be fatal if swallowed and enters airways (H304)
- Causes skin irritation (H315)
- Causes serious eye irritation (H319)
- May cause respiratory irritation (H335)
- May cause drowsiness or dizziness (H336)

FIRST AID

- **If swallowed:** Immediately call a poison center or doctor. Do NOT induce vomiting. Rinse mouth.
- **If on skin or hair:** Remove contaminated clothing immediately. Rinse skin with water; wash with soap and water. Get medical attention if irritation persists.
- **If inhaled:** Move to fresh air and 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; face shield for large amounts.
- **Hands & body:** Chemical-resistant (impervious) gloves and boots; apron for large amounts.
- **Breathing:** Use in a well-ventilated area. NIOSH-approved organic vapor respirator if the PEL is exceeded or vapors cause irritation.

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 cool. Keep tightly closed, locked up, away from oxidizers, acids, bases, amines and reactive metals.
- **Disposal:** Do not dump into sewers, on the ground or into waterways. Dispose of per federal, state and local regulations. Waste may be RCRA D001 (ignitable).

Safety information summarized from the Bio-4 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	Not regulated. Drums carry a Combustible liquid label; bulk shipments UN3092, 3, PG III.
Air and vessel	IMDG: not a marine pollutant. Contact Kor-Chem before air or vessel shipment.

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 match Bio-4 to your textile and graphic inks.
- **Next step:** after ink removal, remove the stencil with a Kor-Chem emulsion remover (ER-160, ER-190, ER-1-2-5).
- **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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