PIF 01644

ZERO VOC

0%

VOC BY WEIGHT

BIO-4U

INK DEGRADENT & STAIN REMOVER

Use as supplied | 0% VOC | Unscented

Textile Printing | Graphics Printing | Auto Reclaim | Manual

DESCRIPTION

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

ADVANTAGES

Automatic Reclaim
Designed for automatic reclaim machines

Stain Removal
Non-caustic stain removers built in

Emulsion & Mesh Safe
Lifts stains without harming the mesh

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 in a light, even pattern, as supplied, and agitate the ink with a brush or cloth.
- Rinse with a cold-water, low-volume, high-pressure rinse.
- Automatic reclaimers: consult your regional sales manager for detailed use instructions for your particular application.



55 gal drum
01644-D5505



5 gal pail
01644-P5010



1 gal · 4 × 1 gal
B1201 · C4201

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
01644-D5505	55 gal drum	Not regulated
01644-P5010	5 gal pail	Not regulated
01644-C4201	4 × 1 gal	Not regulated
01644-B1201	1 gal bottle	Not regulated
01644-C3004	12 × 1 qt	Not regulated

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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

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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BIO-4U

WHERE IT FITS IN THE RECLAIM PROCESS

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

TYPICAL PRODUCT CHARACTERISTICS

Appearance	Straw-colored, clear liquid	**Flash point**	130°F (54.4°C), closed cup
Odor	Ester	**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		

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 (aspiration hazard). 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 if splashing is possible.
- **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 in a well-ventilated place, locked up, away from strong oxidizers and acids.
- **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-4u 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 labeled Combustible liquid
Air and vessel	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 set up Bio-4u in your automatic reclaimer or manual screen room.
- **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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