PIF 01676

IR-407

INK DEGRADENT

UP TO

256

SCREENS PER GALLON · 0.5 FL OZ EACH

Use as supplied | Solvent blend | Fast acting

Textile Printing | Graphics Printing | Manual

DESCRIPTION

IR-407 is an ink remover for many types of ink. Its fast-acting penetrants and solvents quickly and effectively lift and remove ink from the screen, ready for a high-pressure rinse. IR-407 is the most economical ink degradent in the Kor-Chem line by drum MSRP.

ADVANTAGES

High Solvency
Penetrants and solvents lift ink fast

Fast Acting
Let stand 1–3 minutes, then rinse

Economical
$0.09 per screen at 0.5 fl oz (drum MSRP)

Ghost Image Step
Apply to both sides if a ghost remains

DIRECTIONS

- Spray, wipe or brush IR-407 onto the ink side of the screen, as supplied. Agitate the ink for deeper penetration.
- Let stand 1–3 minutes, then remove the ink with a high-pressure rinse.
- If a ghost image remains, apply to both sides, brush the area, let stand 5–10 minutes and rinse with high pressure.
- Use in a well-ventilated area away from heat, sparks and flame. Ground and bond containers when transferring.



55 gal drum 01676-D5505 | **5 gal pail** 01676-P5010 | **1 gal · 4 × 1 gal** B1201 · C4201 | **12 × 1 qt** 01676-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	$0.09
1 fl oz	128	7,040	$0.19

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 × $0.19 per fl oz ($24.31/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
01676-D5505	55 gal drum	Not regulated
01676-P5010	5 gal pail	Not regulated
01676-C4201	4 × 1 gal	Not regulated
01676-B1201	1 gal bottle	Not regulated
01676-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

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IR-407

WHERE IT FITS IN THE RECLAIM PROCESS

1 INK REMOVAL — **IR-407 (this product)** › **2 EMULSION REMOVAL** — ER-160 · ER-190 · ER-1-2-5 › **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**	124°F (51°C)
Odor	Slight butyl	**VOC**	95.5% by weight (about 740 g/L)
pH	Not applicable (solvent)	**Evaporation rate**	<1 (n-butyl acetate = 1)
Specific gravity	0.775	**Solubility in water**	Insoluble; floats on water
Weight, per U.S. gallon	6.5 lb	**Stability**	Stable

SAFETY & HANDLING

HAZARDS (GHS)

- Flammable liquid and vapor (H226)
- May be fatal if swallowed and enters airways (H304)
- Causes skin irritation (H315)
- May cause drowsiness or dizziness (H336)
- Toxic to aquatic life with long-lasting effects (H411)

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.
- **Hands & body:** Chemical-resistant (impervious) gloves and boots; normal work clothing.
- **Breathing:** Use in a well-ventilated area. NIOSH-approved 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.
- **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 IR-407 Safety Data Sheet. The SDS governs; see it for full precautions.

REGISTRATIONS & COMPLIANCE

GHS signal word	WARNING
VOC	95.5% by weight (about 740 g/L)
California SCAQMD Rule 1171	Not compliant
California Prop 65	Contains no listed chemicals
DOT, ground	Combustible liquid: not regulated in containers of 119 gal or less (49 CFR 173.150(f)); UN1993, 3, PG III at 120 gal or more.
Air and vessel	IATA / IMDG: UN1993, 3, PG III

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 IR-407 to your inks and reclaim setup.
- **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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