

IT'S A JUNGLE OUT THERE! GET IN THE GREEN ZONE WITH SAATICHEM

SAATICHEM IS COMMITTED TO PRODUCING ENVIRONMENTALLY FRIENDLY PRODUCTS - WITHOUT GREENWASHING.

We avoid any use of toxic chemicals such as NMP & methylene chloride, HAPS, phthalates and heavy metals, to ensure RoHS compliance.

Our products are biodegradable and drain-safe when used according to instructions published in the Saatichem product Technical Data Sheets.

Renewable ingredients are used whenever possible and high efficiency formulas are designed to minimize waste. Many of our products are offered as concentrates, or in bulk, to minimize post-consumer packaging waste and whenever possible we utilize packaging with a high-recycled content.

Our cleaning and reclaiming chemicals in particular are designed to be operator friendly, VOC-compliant and with minimal impact on the environment. We achieve this through the use of high-efficiency formulas and replacement of 100% solvent-based products with water-based alternatives.

Natural ingredients feature heavily in our formulas. We utilize solvents and surfactants derived from renewable resources including corn, soy, coconut, palm and citrus as alternatives to derivatives of petroleum, a depleting resource.

GREEN PARAMETERS: WHERE DOES SAATICHEM FIT IN?

We offer

- Non-hazardous/less-hazardous product alternatives
- Products with easy biodegradability & that are drain-safe
- Products made with renewable ingredients
- Low VOC product alternatives
- Concentrates & bulk packaged product to minimize landfill waste
- Products with low use level & waste through high efficiency
- No toxics, NMP, methylene chloride, HAPS, phthalates or heavy metals used in any product

SAATICHEM™

Some Green Product Highlights Include:

DIRECT PREP 2

mesh prep & degreaser made with 100% renewable ingredients.

REMOVE ER2

biodegradable stencil remover concentrate with high efficiency for reduced use level.

REMOVE IR3

renewable soy-based ink remover with close to zero VOC's.

REMOVE IR4

water-based ink remover with low organic content.

REMOVE HR5

powerful and fast acting haze remover that is user friendly, easily biodegradable and made with 100% renewable ingredients.

REMOVE HR6

stain remover & degreaser that is non-caustic with a pleasant cherry scent.



RECLAIM CHEMICALS

SAATICHEM PRESS WASH

For print maintenance and color changes at press.

SCREEN OPENER

CLEANS DRIED-IN INK FROM THE SCREEN DURING PRINTING

- ◆ Works on all solvent-based inks including two-part epoxies
- ◆ Easy-to-use aerosol

AVAILABLE IN 12-OZ CONTAINERS.

REMOVE PW1

FASTEST-EVAPORATING PRESS WASH

- ◆ Most economical press wash
- ◆ Works on most inks
- ◆ Compliant with SCAQMD VOC limits—VOC free
- ◆ Flammable

REMOVE PW2

MOST VERSATILE PRESS WASH

- ◆ Highly effective on all inks
- ◆ Use on-press between ink changes or when saving stencil

REMOVE PW3

PRESS WASH

- ◆ Compliant with SCAQMD VOC limits
- ◆ Highly effective on all inks
- ◆ Use on-press between ink changes or when saving stencil

REMOVE PW4

PRESS WASH FOR PLASTISOL INKS

- ◆ When wiped with 100% cotton rag, masking tape will stick immediately
- ◆ Remove spray tack adhesive
- ◆ Will not lock up plastisol resistant emulsions
- ◆ Pleasant orange scent

REMOVE PW5

HIGHLY EFFECTIVE ON ALL INKS

- ◆ Use on-press for general screen maintenance and for color changes
- ◆ Orange scent

REMOVE PW6

MOST VERSATILE FAST EVAPORATING PRESS WASH

- ◆ Highly effective on all inks
- ◆ Use on-press between ink changes or when saving stencil

SAATICHEM INK REMOVERS

Ink degradants are used to remove ink from screens prior to reclaiming. Ink removers are water rinseable and drain safe.

REMOVE IR1

OUR MOST EFFECTIVE SCREEN WASH/INK DEGRADENT

- ◆ Removes the most stubborn and harshest inks
- ◆ Use in spray or recirculating tanks

SAATICHEM REMOVE INK REMOVERS ARE AVAILABLE IN QUART, 1-GALLON, 5-GALLON AND 55-GALLON CONTAINERS.

REMOVE IR2

OUR MOST VERSATILE SCREEN WASH/INK DEGRADENT

- ◆ Works on most inks used in graphics, industrial and electronic printing
- ◆ Use in spray or recirculating tank
- ◆ Compliant with SCAQMD VOC limits



SAATICHEM CHEMICAL-RESISTANT SQUIRT BOTTLES ARE TREATED TO PREVENT COLLAPSING AND THE TRIGGER SPRAYERS ARE CHEMICAL-RESISTANT.

REMOVE IR3

TEXTILE SCREEN WASH/INK DEGRADENT

- ◆ Ideal for garment and textile applications
- ◆ Works on all plastisol
- ◆ Compliant with SCAQMD VOC limits

REMOVE IR4

TEXTILE INK DEGRADENT FOR MANUAL CLEANING

- ◆ Works well on Plastisol, Nylon and Waterbased inks
- ◆ Reduces ink staining
- ◆ Can be reapplied to remove ink stains

REMOVE IR5

INK DEGRADENT FOR TEXTILE, UV, AND POSTER INKS

- ◆ Works well in manual and automatic equipment
- ◆ Significantly reduces ink staining
- ◆ Orange scent

REMOVE IR6

INK DEGRADENT FOR MOST INK SYSTEMS

- ◆ Use for manual or automatic cleaning
- ◆ Orange scent

REMOVE IR7

INK DEGRADENT FOR MOST INK SYSTEMS

- ◆ Pleasant scent

REMOVE IR8

TEXTILE INK DEGRADENT FOR MANUAL CLEANING

- ◆ Works well on Plastisol, Nylon and waterbased inks
- ◆ Reduces ink staining
- ◆ Can be reapplied to remove ink stains
- ◆ Compliant with SCAQMD VOC limits

REMOVE IR9

INK DEGRADENT FOR MOST INK SYSTEMS

- ◆ Can be used for manual or automatic cleaning
- ◆ Compliant with SCAQMD VOC limits

REMOVE IR10

INK DEGRADENT FOR UV, PLASTISOL, AND POSTER INKS

- ◆ Can be used for manual or automatic cleaning
- ◆ Safe on CA glue
- ◆ Safe on plastisol resistant emulsions

REMOVE IR11

INK DEGRADENT FOR MOST INK SYSTEMS

- ◆ Use for manual or automatic cleaning
- ◆ Orange scent

REMOVE IR14

LOW ODOR TEXTILE INK DEGRADENT FOR MANUAL CLEANING

- ◆ Reduced odor during pressure washing of textile screens
- ◆ Works well on Plastisol, Nylon and Waterbased inks
- ◆ Reduces ink staining
- ◆ Can be reapplied to remove ink stains

SAATICHEM STENCIL REMOVERS

To remove diazo, dual-cure and photopolymer emulsions and films.

REMOVE ER1

CONCENTRATED POWDER

- ◆ Most economical stencil remover
- ◆ For normal strength, dissolve 1.5 ounces by weight in one gallon of water
- ◆ Use up to 6 ounces per gallon for more resistant stencils

REMOVE ER2

CONCENTRATED, EASY-TO-DISSOLVE LIQUID WITH BUILT-IN DEGREASER

- ◆ Powerful built-in degreaser cuts through the oily residue left during ink removal to speed stencil breakdown and to aid in mesh degreasing
- ◆ Mix 1 part with 25 parts water by weight (1 to 35 by volume)

REMOVE ER10

CONCENTRATED, EASY-TO-DISSOLVE LIQUID

- ◆ Mix 1 part with 50 parts water by weight (1 to 80 by volume)

REMOVE ER5

READY-TO-USE LIQUID WITH BUILT-IN DEGREASER

- ◆ Powerful built-in degreaser cuts through the oily residue left during ink removal to speed stencil breakdown and to aid in mesh degreasing

AVAILABLE SIZES

PRODUCT	AVAILABLE SIZES	MAKES
REMOVE ER1	32-OUNCE	21 GAL
REMOVE ER2	1-QUART 1.5-GAL 5-GAL	8.5 GAL 50 GAL 175 GAL
REMOVE ER10	1-QUART 0.6 GAL 1.5 GAL 5-GAL	19.5 GAL 50 GAL 50-120 GAL* 390 GAL
REMOVE ER5 (PRE-MIXED)	1-QUART 1-GAL 5-GAL 50-GAL	

*Variable strength for automated systems

AUTOTYPE AUTOGEL

REMOVES GELATIN STENCILS

- ◆ Non-hypochlorite based
- ◆ Ready-to-use
- ◆ Easy to apply. Spread on with a brush, then rinse.

Autotype Autogel is available in 1-liter containers.



SaatiChem offers a wide range of effective, easy-to-use and money-saving reclaiming products.

RECOMMENDED PACKAGES



TEXTILE INK

IR4, ER2, HR2, PW4

UV-CURED INK

IR6, ER2, HR2, PW5

SOLVENT-BASED INK

IR6, ER2, HR2, PW5



The 3M Doodlebug system uses disposable pads that come in White (soft) pads and Blue (medium) pads. These pads can be used with the Hand Block for hand scrubbing or the Doodle Bug swivel head (2nd below) with extension handle for larger screens.

SAATICHEM HAZE REMOVERS

To remove stains from mesh after emulsion has been removed.



DE-HAZE SCREENS YOU THOUGHT WERE
"UNRECYCLABLE" WITH OUR HAZE REMOVERS.

REMOVE HR1

LOW-CAUSTIC LIQUID HAZE REMOVER

- ◆ Safe for mesh — can be left on screen overnight
- ◆ Does not need to be reactivated with solvent

REMOVE HR2

FAST-ACTING LIQUID HAZE REMOVER

- ◆ Can be used in automatic reclaiming system
- ◆ Effectively works in minutes!

REMOVE HR3

FAST-ACTING HAZE REMOVER PASTE

- ◆ Provides the highest strength cleaning power
- ◆ Effectively works in minutes!

REMOVE HR4

NON-CAUSTIC HAZE REMOVER PASTE

- ◆ Alternative to caustic- and bleach-based haze removers
- ◆ Ships as non-hazardous

REMOVE HR5

FAST-ACTING LIQUID HAZE REMOVER

- ◆ Can be used for manual and automatic cleaning

REMOVE HR6

NON-CAUSTIC ABRASIVE STAIN REMOVER

- ◆ Easy to apply semi-viscous formulation
- ◆ Will not damage mesh
- ◆ Works well on current press run ghosts
- ◆ Pink with pleasant cherry scent
- ◆ Contains a mild abrasive to accelerate the removal of heavy stains

REMOVE HR7

NON-CAUSTIC STAIN REMOVER

- ◆ Easy to apply semi-viscous formulation
- ◆ Will not damage mesh
- ◆ Works well on current press run ghosts
- ◆ Pink with pleasant cherry scent
- ◆ Non-abrasive

REMOVE HR8

LOW ODOR FAST-ACTING HAZE REMOVER PASTE

- ◆ Low odor formula removes the toughest ghost images
- ◆ Easy to apply
- ◆ Effectively works in minutes

*Want to see SaatiChem
Reclaim chemicals in action?*

Visit <http://www.youtube.com/user/Saatiprint>



TECH TIP: SCREEN RECLAIM STEP-BY-STEP



**PRINTING AND INK
REMOVAL PRIOR
TO RECLAIMING**
18

**RETOUCHING
AND SCREEN
PREPARATION
PRIOR TO PRINTING**
17

**EXPOSE SCREEN
AND DEVELOP
IMAGE**
16

**DRY SCREEN &
COAT EMULSION,
OR APPLY
CAPILLARY FILM,
THEN DRY**
15



- 1: Apply SaatiChem Ink Remover to both sides of screen
- 2: Brush Saatichem Ink Remover into ink on squeegee side of screen
- 3: Brush Saatichem Ink Remover into ink on substrate side of screen
- 4: Water rinse ink residue from both sides of screen
- 5: If using a water resistant stencil, screen may be catalogued at this point
- 6: Apply Saatichem Stencil Remover to both sides of screen
- 7: Allow Saatichem Stencil Remover to dwell for one minute
- 8: Brushing Saatichem Stencil Remover will help to remove difficult stencils
- 9: Rinse screen thoroughly using a high-pressure washer
- 10: If needed, apply Saatichem Haze Remover, let dwell 3-5 minutes
- 11: High-pressure rinse from bottom to top
- 12: Apply Saatichem Direct Prep to one side of screen, brush both sides
- 13: Rinse screen
- 14: Flood rinse screen with garden hose to remove all residue



REMOVE HC-8 HAND CLEANER



Remove HC-8 is a personal cleaner designed for safe and easy removal of the toughest industrial dirt and grime including inks, oils & grease, paints, plumbers putty and other oily soils.

- ◆ Pink, water-based lotion
- ◆ Mildly abrasive to accelerate the removal of dried inks and other difficult oily soils
- ◆ Triple blend of emollient, moisturizer and conditioner protects skin and prevents chapping
- ◆ Safe alternative to aggressive solvents
- ◆ Pleasant cherry scent
- ◆ Also available in green with green-apple scent

AVAILABLE SIZES

4 oz. flip top

1 qt. bottle with self-cleaning pull-top cap

6 x 1 qt. pack

1 gallon jug (with optional pump dispenser)

5 gallon pail with pull-up Reike spout

50 gallon drum containers

CHEMICAL DISPENSING SYSTEMS

Basic model includes two dual diaphragm Teflon and Polypropylene pumps, with room for one additional. Each pumping station includes all fittings, regulators, fluid lines, guns and spray nozzles. This unit mounts to a wall near the washout area.

System includes a coiled flex hose to each spray gun. The system includes everything necessary to go from a drum of chemistry to the spray nozzle. Dispensing is actuated by simply

pulling the trigger on the spray gun. The pumps are designed to dispense virtually any chemistry, from simple degreasers to haze and ink removers.

Polypropylene wall bracket will accommodate a total of three pumps. If more pumps are required an additional wall bracket is provided. System run on compressed air at 60 PSI, approximately 3 CFM. We will customize the system to meet your specific application requirements.

