



# Chemistry for the perfect print

From Prepress to Pressroom

Fountain Solutions

Washes

WetRoll®, Dry-Roll, Imp-Roll

Cleaners & Rejuvenators

Flexo Products

Specialities

Silicone Emulsions

Anti Set-Off Powders

Pre-Press / Plate Chemicals

LACITT Handcleaners

A large, abstract graphic at the bottom of the page consists of a dense spray of colorful ink particles. The colors include bright yellow, orange, red, and purple on the left side, transitioning into a dark grey and black spray on the right side. The background is white.

For perfect Printing.

# Hydrolith Fountain Solutions

## For Sheet-fed and Web-offset + Special Products

The Hydrolith dampening solutions are formulated for a wide variety of requirements and areas of application. Throughout many years of practical experience and intensive research, we have been able to successfully develop additives for alcohol substitutes and alcohol reduction.

- Stable and fast color / water balance
- Reduction of lime and other deposits
- Antibacterial effect
- High printing process stability thanks to strong pH buffering
- Very good roll-up behavior
- Excellent material and environmental compatibility

### Sheet-fed

		<i>Dosage</i>	<i>IPA</i>
Hydrolith BS-ZX	For alcohol-free printing, a high proportion of high-quality alcohol substitutes.	3-4 %	0-2 %
Hydrolith BS-ZX Plus	Corrosion-optimized, Fogra certified.	3-4 %	0-2 %
Hydrolith SF-X4	For alcohol-free printing, well suited for process-free plates.	3-4 %	0-2 %
Hydrolith SF-X1	Strong alcohol substitutes - suitable for IPA-free printing on older machines.	3-4 %	0-2 %
Hydrolith BS-LI	For alcohol-reduced printing, strong buffering.	2-3 %	3-6 %
Hydrolith SF-X3	For low-alcohol printing, well suited for process-free plates.	3-4 %	8-12 %
Hydrolith BS-T	Standard additive, very stable performance thanks to a strong buffer system.	2-3 %	8-12 %
Hydrolith BS-SL	Standard additive, recommended for weakly and non-absorbent substrates.	2-3 %	8-12 %

Soft (S) and hard water versions (H) as well as adjustments to individual circumstances also available!





## Cold-Set Web Offset

Hydrolith ZR	Standard additive for coldset, very good fast roll up behavior.	2-3 %
Hydrolith ZR-A	Standard additive for coldset, particularly gentle on the plate, reduces build-up on the blanket.	2-3 %
Hydrolith ZR-DZ	Standard additive for modern web machines, optimized dampening at high speeds.	2-3 %

## Heat-Set Web Offset

Hydrolith HS-NA	Standard additive for heatset printing with strong buffering.	2-3 %
Hydrolith HS-NX	Modern dampening solution additive for heatset printing. Very strong alcohol substitutes.	2-3 %

## Additives and Specialities

DSC Cleaner	Cleaner concentrate for the dampening water cycle of stubborn residues with a strong antibacterial effect. Dilution 1: 5 or 1:10 with water.
Aquadura RO	For water hardening - for a better ink / water balance and reduction of the corrosiveness of the water. Each addition of 0.5% increases the water hardness by 10 ° dH (178 ppm).
Drying Stimulator COM	To accelerate the oxidative drying, contains cobalt. Dosage 1-3% on the ready-to-use fountain solution.
IPA Combi	Reduction of IPA consumption through special additives. Dosage of 1-6% (Subject to circumstances).
IPA for printing	High purity isopropyl alcohol (>99 %).
Additional Specialities	Anti-Foam HDC, Antizid (anti-algae), ARA III (Alcohol replacement additive).



# Washes and Cleaners

## For Conventional, UV inks and Hybrid Printing

### Conventional Washes

		Flashpoint	aromatenfrei
B-Matic Wash AIII	For automatic and manual cleaning of printing blankets and inking rollers. FOGRA and ISEGA certified.	> 60°C	X
B60 Wash	For automatic and manual cleaning of printing blankets and inking rollers. Increased emulsification behavior, well suited for brush washing systems. FOGRA and ISEGA certified.	> 60°C	X
B60 Wash S	Very high quality dye detergent with extra strong dissolving power and increased emulsifying behavior. Well suited for brush washing systems, FOGRA and ISEGA certified.	> 60°C	X
B-Matic Wash 100	For automatic and manual cleaning of printing blankets and inking rollers. VOC-free and with solvent boosters.	> 100°C	X
B-Matic Wash 100-S	Very high quality color detergent with extra strong dissolving power and increased emulsifying behavior, VOC-free.	> 100°C	X
HPL Wash	Very dissolving and intensive, especially for manual blanket cleaning. Medium to fast evaporation.	> 40°C	
Blue HP Wash	Extra strong and intensive detergent, quick evaporation.	> 40°C	
GTS Wash	With extra high dissolving power, rapid evaporation and with a regeneration effect.	> 40°C	

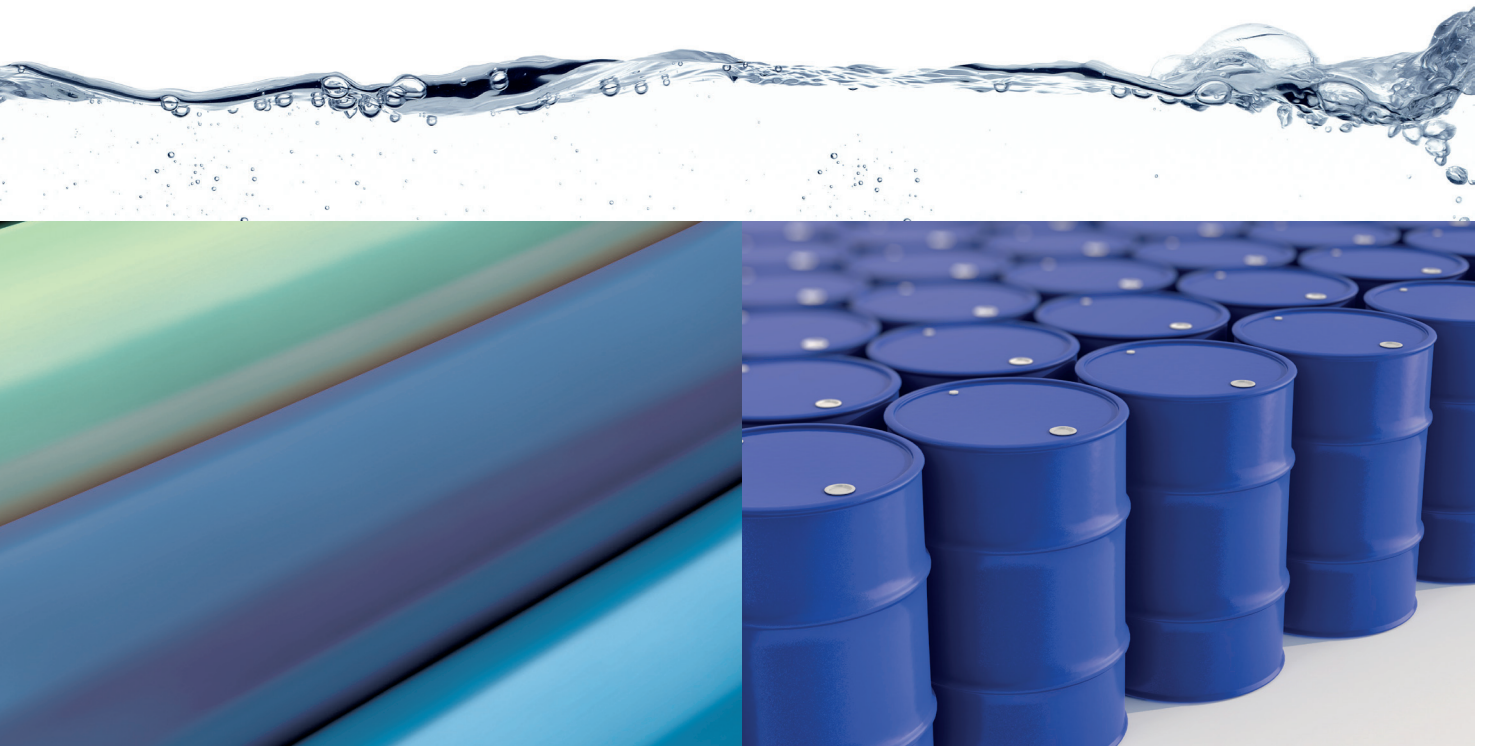


## UV-Washes

UV-Wash 40	Fast evaporating UV wash, well suited for manual use.	> 40°C
UV-Wash 60	Moderately evaporating UV washing agent, very dissolving, suitable for automatic washing systems. FOGRA certified.	> 60°C
UV-Wash 80	Strongly dissolving and moderately evaporating UV washing agent. FOGRA certified, no labeling required.	> 80°C
UV-Wash 100	Slowly evaporating UV detergent, VOC-free.	> 100°C
UV-Wash DB 15	Moderately evaporating UV detergent with an economical formulation.	> 60°C
UV-Wash 100-B	Slowly evaporating UV detergent with an economical formulation.	> 100°C

## Hybrid-Washes

Combi Solv 60	High-dissolving detergent for hybrid operation, moderate evaporation.	> 60°C
Combi Solv 100	Detergent for hybrid operation, slow evaporation (VOC-free), ISEGA-certified.	> 100°C





# WetRoll® + DryRoll + ImpRoll

## High Quality Washcloth for Automatic Blanket Cleaning Devices and Perfecting Cylinders

- Lint-free and smooth surface
- Evenly and tight winding
- Most common formats available
- Excellent absorption of inks, solvents, paper dust and water

WetRoll®            Pre-impregnated cloth with high washing power, VOC-free and strong dissolver.

WetRoll® UV        Pre-impregnated cloth with UV Solvent.

Web WetRoll®      Wet- or Dry washcloth for web presses, individual optimizations.

IMP WetRoll®      Pre-impregnated special washcloth for rough impression cylinders.

DryRoll             Dry special washcloth for rough impression cylinders.

IMP DryRoll        Dry mini-washcloth for all kind of printing presses.

JumboRoll         500 meter washcloth.



### Why WetRoll®!?

- VOC-free solvents - no pollution of the pressroom
- Significantly less solvent consumption - up to 80% lower!
- Simple, secure and economical
- Customization possible

# Cleaning and Regenerating Products

## Ink and dampening rollers

Rollo Vital Paste	To regenerate the ink rollers, gently and thoroughly removes stubborn glazes, ink and paper residues. Well suited for quick color changes.
Rollo Vital Gel	Gel with lower viscosity and stronger effect (+ easy handling).
Rollo Vital Gel Plus	Extra strong formulation, well suited for UV printing.
Rollo Vital Liquid	Liquid solvent, also recommended for UV printing.
Descaling Gel	For removing limescale and water-soluble residues from inking rollers.
ASR Descaling Liquid	Liquid solvent for descaling and cleaning water-soluble residues.

Flashpoint

D.A.I. 95 Wash	Cleaner and conditioner for dampening rollers - featuring better water flow.	> 24°C
D.A.I. 95 Wash-UV	Effective cleaning of UV inks on dampening rollers.	> 28°C
MRC 66	Very fast evaporating cleaner and conditioner for dampening rollers + suited for metering rollers.	> -12°C
CRC Cleaner	For cleaning and conditioning the chrome rollers - for improved water transport.	> 93°C

## Printing Blankets

Gummi Fit	For regenerating the printing blankets (conventional + UV), strong cleaning power for stubborn deposits. Conditioning of the rubber for better color transfer and longer service life, medium to fast evaporation.	> 25°C
Gummi Fit 60	Safe handling, medium-fast evaporation.	> 60°C
Gummi Fit Plus	Faster evaporation.	> -19°C
Gummi Fit Xtra	Particularly high cleaning power.	> 38°C
Rubber Rep	Blanket repair agent - for the temporary elimination of dents and squashes.	n.a.

## Ink Strippers

Ink stripper GR	Removing dried ink residues from ink cans, spatulas and machine parts.	> 28°C
Ink stripper GR Plus	Very intensive formulation, extra fast evaporation.	> -10°C

# Flexo Products + Anilox Cylinders

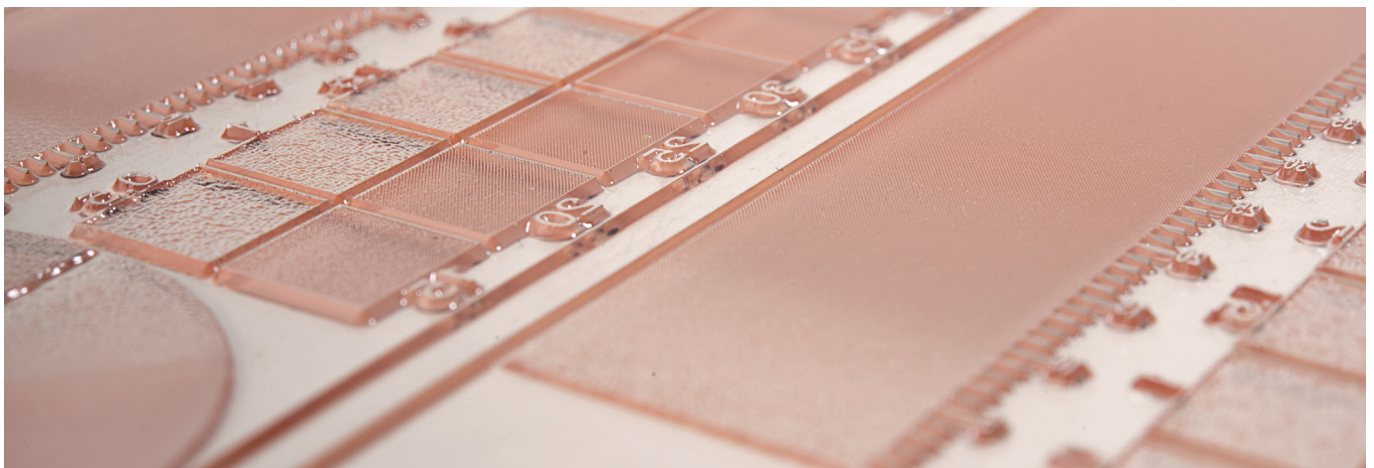
## Washes for Flexo Printing

Flashpoint

Flexo Kleen UVP	Powerful cleaner for printing forms, ink supply parts and anilox cylinders. Especially for UV inks, solvent and water-based inks.	> 23°C
Flexo Kleen Universal	Universal cleaner for flexographic printing with strong dissolving power and label-free formulation. Colors: UV, solvent and water based.	> 40°C
Flexo Kleen Clich 25	For printing forms, machine parts, etc. + well suited for washing machines. Recommended for water and solvent based inks.	>108°C
Flexo Kleen Aqua #1	Cleaner for water-based flexographic inks from anilox rollers, printing forms, machine parts, etc. Water-based formulation.	n.a.
Flexo Kleen FW8	Cleaner for water-based flexographic inks, very high solvent power.	> 60°C

## Anilox Cleaners

Anilox Cleaner Ultra	Very strong agent for deep cleaning of anilox rollers, removes dried residues from the cells. Use in combination with DVD 100. Improved handling due to higher viscosity.
Anilox Gel DL2	Gel for deep cleaning of anilox rollers, can be used in the machine. Very suitable for UV varnishes and inks, use in combination with DVD 100.
Anilox ADR Cleaner	Deep cleaning of anilox rollers, economical formulation. Use in combination with DVD 100.
DVD 100	Cleaner for water-based varnishes and flexographic inks, suitable for daily use.
DV-Intense	Intensive cleaner for water-based varnishes and flexo inks. Can be diluted with water, also suitable for cleaning coating plates and the coating system.
Ultrasonic RAM 08	Cleaning concentrate for ultrasonic baths.





# Pressroom Products

## Anti set-off Powders

Based on natural raw materials and ISEGA-certified. Very good absorption through the color guaranteeing a preservation of the color gloss.

### Uncoated powder

Fluid H1	For light paper.
Fluid H2	For light cardboard and paper - universally applicable.
Fluid H3	For heavy cardboard.

### Coated powder

Optimal flow behavior thanks to the hydrophobic surface, very suitable for the use of dispersion varnishes.

Fluid HC10	For light paper.
Fluid HC20	For light cardboard and paper - universally applicable.
Fluid HC30	For heavy cardboard.

## Silicone Emulsions

Very high-performance silicone emulsions made from high-quality silicone oil for re-moistening the paper web in heatset printing. Excellent wetting and strong antistatic effect. Increases the lubricity and prevents smearing of the paper web.

### Standard emulsions

SE 20A, SE 35A, SE 50A, SE 60A	Contains antistatic additives, corrosion inhibitors.
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### Silicone emulsions with additional sliding additives

SE 20AG, SE 35AG, SE 60AG	Additional wax additives, higher rub resistance, higher gloss.
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## More specialties

WSP	Roller protection paste for non-printing inking units (conventional printing).
WSL-UV	Roller protection oil for UV rollers (EPDM).
Water additive CON	Water additive for automatic blanket washing systems. For better wetting, protect against corrosion, bacteria formation and limescale deposits.
Anti-skin Spray	Against skin formation and drying of the printing ink. Available as an aerosol and manual spray.
Silicone Spray	Regenerate an even, antistatic and corrosion-inhibiting protective layer. Improves lubricity. Available as aerosol and manual spray.
Antistatic Spray	Prevents static charges. Available as aerosol and manual spray.
Ink reducer FD	Reduces color tack, improves transfer and emulsification behavior.
GluSolv Orange	Glue remover and degreaser, soft citrus smell.
Fount Filter	Fountain solution filter, fine and lint-free filtration.
Sponges	Format 12 x 8 x 3,5 cm.
ASR Cleaner / descaler	For printing plate processors.
DIGI Glide 2.0	Sliding and antistatic additive for digital printing.
DIGI Cleaner 1.0	Cleaning agent for print heads in digital printing, safe handling (FP> 100 ° C).
DIGI Cleaner 2.0	Strong formulation, fast evaporation (FP> 28 ° C).
Service products	Spray heads, Water Hardness gauges, dispenser valves, Inkspatulas, wash-up bottles.

# Prepress and Printing Plate Developers

## Plate Developers

CTP-Hmax + Replenisher	Thermal plate developer with high buffer capacity and effective layer protection. Medium to gentle setting.
CTP-Kmax + Regenerat	Standard thermal plate developer (medium strength).
CTP-Smax + Replenisher	Strong performance.
CTP-Emax + Replenisher	Very productive developer, with additives for shortened development times and better solution of the plate layers. Strength: standard.
CTCP-HM3, CTCP-HM3 Concentrate 1:3	Plate developer for positive CTCP plates with high buffer capacity and effective layer protection.
NAB1	Developer for negative plates for a wide range of applications.
CTP-DVS	CTP Violet plate developer - for most common Violet plates.
MMK Plate developer MMK Concentrate 1:9	Positive plate developer - universal and economical in use.
Clean out Washes: PG 500, PGS 701	For low-process / process-free plates. Higher contrast, good plate protection and better roll up.

## Plate Gums

Gum MS	Gum concentrate for manual and machine use. Very good wetting and slightly acidic buffering to protect and condition the oxide layer.
Gum MS-M	Ready-to-use product for direct use in developing machines.
Gum MS-M	Machine gum with special protection against scratches.
Baking Gum EG12	For all positive plates, very good wetting and heat-resistant composition.

## Plate Cleaners

Plate Cleaner CTP	Strong dissolving power, for sensitive plates (e.g. thermal plates), without abrasives.
Plate Cleaner CTP Plus	For sensitive plates, particularly strong activation of the oxide layer.
Plate Cleaner PR Plus	Very intensive plate cleaner with cleaning particles, also for UV printing.
Plate Cleaner K3	High dissolving strength and with fine particles for a stronger cleaning effect.
Plate Cleaner SC	Gentle plate cleaner with Arabic gum.

## Correction pens

CIP 1, 2, 3, Jumbo, Correction Agent MP, MP-S	For thermal positive plates, analog positive plates and CTCP (PWW positive).
CIT-b	Minus correction pen for UV-resistant thermal plates.
CIN-m, -b, Correction Agent KN 909	For negative plates - analog and CTCP.
CIK- m, -b	For negative plates and process-free plates.
CIF m, -b	For violet plates (negative).
Plus Correction pens 3	For all positive and negative printing plates with a metal carrier.

## Repro

Film developer, Film Fixer GA, film cleaner Diamond,  
High Density Spray (LF-A), Glass cleaner (A / M).

# Lacitt® Hand Cleaning and Hand Care products

## Hand Cleaner Paste

Lacitt®	Strong hand cleaning paste with abrasives and skin care substances.
ACE	Effective and economical formulation with natural abrasives.
Lacitt® P	Contains strong and environmentally friendly cleaning particles made of pumice / wood flour and skin care substances.
LuoDermin S	With natural cleaning particles made from wood flour and skin care substances.

## Hand Cleaning Emulsions - Liquid

Lacitt® E	Pumpable version of LACITT®, intensive and gentle, with refatting agents.
Lacitt® EP	Pumpable version of LACITT®P, with pumice graters.

## Soaps, crèmes, dispensers

Lipolin Paint, ink and varnish remover	Removes heavy industrial soiling quickly and gently, soap-free, with very strong and intensive dissolving power even for dried paints, inks and varnishes.
Mono Dermin Hand Creme	With natural beeswax and high-quality oils from avocado, jojoba and sweet almond, cares for and regenerates the skin, only slightly perfumed.
Balnaderm Rosa	Mild, fresh scent, economical use, with skin protection against degreasing.
Balnaderm Forte	Very intensive, high cleaning and emulsifying power, for heavy soiling, pleasant scent.
Nitrile Gloves	Chemical-resistant, certified, inside with Verlour.
Dispensers	1,000 ml and 2,500 ml, available in plastic or in high quality stainless steel.





# Our Company

Over 40 years of experience in printing technology and chemistry



Huber GmbH has been an established manufacturer of high-quality printing chemicals and offset materials since 1992. All products are produced and conditioned with the latest technology at our two plants in Troisdorf, located near Cologne-Bonn airport.

Our products are used by successful printers in nearly 70 countries around the world. We are an ISO-certified company and can also offer customized solutions for our customers. New and further developments for our products are constantly being invented in our laboratory. We strive for the highest quality standards and stand by our customers as a competent partner.



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