4 INDUSTRIES

ENGLISH EDITION

OFFSET + FLEXO CLEANING CHEMISTRY

Manual cleaning, circulation, automatic wash-up and ultrasonic systems

- Rubber rollers and offset blankets
- Anilox rolls
- Inking systems
- Coating units
- Printing plates
- Manual cleaning and automated washing

ABC INTERNATIONAL

Cleaning starts with the real production problem

Select the chemistry based on the contaminant, component and cleaning method. This reduces trial-and-error, repeated wash cycles and avoidable downtime.

01 OFFSET

Restore ink and water transfer

- ink, glaze, calcium and pigment
- inking rollers and blankets
- dampening rollers and fountain circuits
- routine, periodic and automatic wash-up

02 FLEXO AND COATING

Restore effective anilox cell volume and clean the circulation system

- water-based, UV/EB and solvent inks
- dispersion coatings
- anilox rolls, chambers and ink circulation systems
- manual, circulation, ultrasonic and cleaning in dedicated washers

ADHESIVES AND HEAVY PRESSROOM CONTAMINATION

The ABC range also covers dried inks, coatings, water-based dispersion adhesives, hot-melt residue, press cylinders and resistant machine surfaces.

Choose by process and application - then confirm with the TDS and SDS

Where ABC has changed a commercial product name, the verified former name appears in parentheses.

1

CONTAMINANT

Ink, coating, calcium, pigment, adhesive, paper dust or biological residue

2

COMPONENT

Roller, blanket, anilox, chamber, circuit, plate, cylinder or machine surface

3

METHOD

Manual, automatic wash-up, circulation, ultrasonic bath or dedicated washer

4

TECHNOLOGY

Conventional, water-based, solvent, UV, LED-UV, EB, cold-set or heat-set

5

COMPATIBILITY

Check elastomer, metal, coating, plate and machine-manufacturer requirements

6

IMPLEMENTATION

Set concentration, time, temperature and rinsing from the current TDS and SDS

ABC International portfolio

55 products | ABC International portfolio

Steps 2 and 3 - calcium and deep pigment removal

Calcium Remover

(formerly Relief Calcium Remover)

Acidic cleaner for calcium deposits

PROBLEM

Calcium carbonate creates roller glaze, reducing surface grip and ink acceptance.

SOLUTION

Dissolves CaCO3 deposits that conventional solvent washes do not remove. Corrosion inhibitors help protect metal components in the system.

KEY BENEFITS

- improved ink acceptance
- more stable ink transfer
- fewer press-side corrections

water-miscible | for inking rollers | rinse as specified

SAFETY: Acidic product. Follow the SDS and required safety procedures.

Deep Pigment Remover

(formerly Dynakleen)

Emulsion for deep pigment removal

PROBLEM

A roller may look clean while pigment, vehicle and traces of the previous colour remain in its micropores.

SOLUTION

Penetrates rubber micropores to release ingrained pigment and ink vehicle and remove glaze. Supports faster dark-to-light colour changes, including metallic inks.

KEY BENEFITS

- faster colour changes
- less carry-over from the previous ink
- shorter deep-cleaning cycles

water-rinsable | water rinse | periodic deep cleaning

Roller conditioning and protection

Blaster

(formerly Blast)

Step 4 - routine or periodic reconditioning of inking rollers and blankets

PROBLEM

Roller glaze, dried ink and hard deposits reduce ink acceptance and release.

SOLUTION

A water-miscible cleaner and conditioner that removes hard deposits and glaze, leaves a satin finish and helps maintain the working resilience of rubber surfaces.

KEY BENEFITS

- more uniform ink transfer
- fewer repeated cleaning attempts
- longer effective rubber service life

Components: inking rollers and blankets | Miscibility: water | Finish: satin | Frequency: current TDS

SAFETY: DO NOT USE ON EPDM. Follow the current SDS.

Roller Safe - Anti Friction

(formerly Roller Lube)

Protection for idle inking units

PROBLEM

Ink-free rollers running dry generate heat and friction, increasing the risk of mechanical rubber damage.

SOLUTION

Creates a lubricating layer on rollers running without ink. It does not crystallise and does not require removal before ink is reapplied.

KEY BENEFITS

- lower overheating risk
- protection for idle rollers
- longer rubber service life

idle printing units | roller protection | no wash-off before inking

Base and automatic cleaning

Premium Wash 60+

(formerly Wash 60 Plus)

Wash for routine cleaning of inking units and blankets

PROBLEM

Ink and paper dust remain on rollers and blankets after the wash cycle.

SOLUTION

A low-odour, water-emulsifying wash for compatible conventional inking units and blankets. Removes ink and paper dust and supports effective cleaning after long runs.

KEY BENEFITS

- strong water emulsification
- effective cleaning after long runs
- faster return to production

Inks: conventional | Low odour | Compatible plates: follow current TDS | Use: routine wash-up

Premium Hydrowash

Water-miscible wash for automatic blanket and roller cleaning

PROBLEM

Ink remains on blankets and rollers because the wash-up cloth does not lift the emulsified residue effectively.

SOLUTION

A high-emulsifying wash for compatible automatic washing systems. Mixes with water and supports efficient transfer of soil to the wash-up cloth.

KEY BENEFITS

- shorter wash cycles
- less manual follow-up cleaning
- more effective wash-up cloth performance

Cleaning: automatic | Components: blankets and rollers | Miscibility: water | Selection: after a trial

SAFETY: Confirm compatibility with the automatic washing system and elastomer compound before use.

Cleaning for changing production demands

Wash 60

Wash for automatic cleaning of inking rollers and blankets

PROBLEM

Routine ink contamination extends the automatic wash-up cycle and job changeover.

SOLUTION

An offset press wash intended for automatic cleaning of inking rollers and rubber blankets.

KEY BENEFITS

- repeatable automatic wash-up cycles
- shorter preparation for the next job
- less manual follow-up cleaning

Process: offset printing | Cleaning: automatic | Components: inking rollers and blankets | Documentation: TDS / SDS

SAFETY: H304. Use with effective ventilation and in accordance with the SDS.

Wash Combi

Wash for conventional, hybrid and UV inks

PROBLEM

Mixed ink technologies require one wash for several production configurations.

SOLUTION

A wash for removing conventional, hybrid and UV inks from inking rollers and rubber blankets on offset presses.

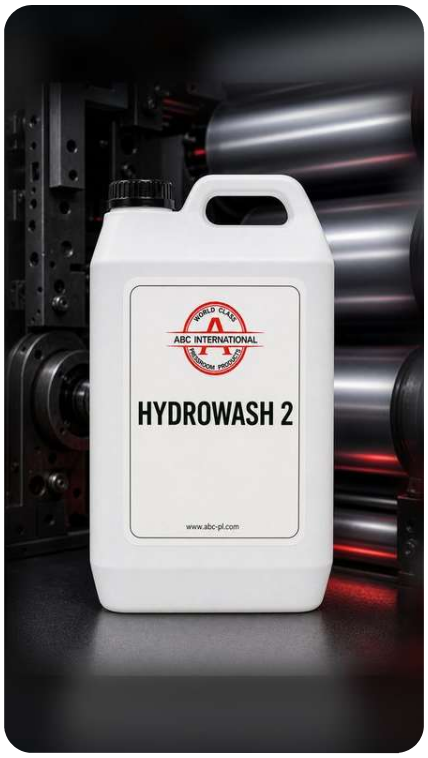
KEY BENEFITS

- one wash for several ink technologies
- more efficient process changeovers
- less manual follow-up cleaning

Inks: conventional / hybrid / UV | Components: inking rollers and blankets | Process: offset printing | Documentation: TDS / SDS

SAFETY: H302 / H304 / H315 / H319 / H331. Use the protective measures specified in the SDS.

Routine cleaning and ink protection during stops



Hydrowash 2

Process wash for routine cleaning in offset production

PROBLEM

Routine contamination of working components extends job changeovers and requires additional cleaning.

SOLUTION

A process wash for routine cleaning of working press components between jobs. Available in a 5 L pack.

KEY BENEFITS

- shorter routine cleaning
- less follow-up cleaning
- more efficient job changeovers

Process: offset printing | Application: routine cleaning | Pack: 5 L | Documentation: TDS / SDS

SAFETY: Use with effective ventilation and in accordance with the current SDS.

Ink Refresh Liquid

Anti-skinning agent for offset inks

PROBLEM

During short stops, ink skins in the duct and on rollers, making restart adjustments necessary.

SOLUTION

Reduces oxidation of offset ink during press stops and helps prevent skin formation in the ink duct and on rollers.

KEY BENEFITS

- less ink skinning
- faster restart
- less start-up waste after a stop

Offset inks | Protection during press stops | Application according to TDS | Documentation: TDS / SDS

SAFETY: Flammable product. Follow the SDS.

Novogum Extra - grip and reliable sheet transport

Novogum Extra

(formerly Novogum)

Fast cleaner for blankets, cylinders, folding rollers and belts

PROBLEM

Hot-melt adhesive, hot-foil residue and tacky contamination reduce grip and disrupt sheet or web transport.

SOLUTION

A fast-evaporating, citrus-scented cleaner for blankets, impression and heated cylinders, folding rollers, belts and compatible laminator components. A purpose-designed alternative to nitro thinner.

KEY BENEFITS

- restored roller and belt grip
- fast evaporation without visible streaks
- faster return to production

Residues: hot-melt adhesive / hot-foil | Components: rollers / belts / cylinders | Application: manual

Routine dampening roller cleaning

MRC Matic Cleaner

(formerly MRC 88)

Routine cleaner for dampening rollers

PROBLEM

Ink and paper dust block the roller surface, causing uneven fountain solution delivery.

SOLUTION

Cleans dampening rollers, opens the rubber surface and supports hydrophilicity and transfer of a thin, even water film.

KEY BENEFITS

- more uniform water film
- more stable ink/water balance
- fewer adjustments during printing

dampening rollers | routine maintenance | match to printing technology

MRC Fast

Fast cleaner for dampening rollers

PROBLEM

Dampening rollers require rapid cleaning during production or a job change.

SOLUTION

Rapidly removes ink, paper dust and deposits from dampening rollers. Helps improve surface performance and transfer of a thin water film.

KEY BENEFITS

- rapid roller refresh
- more stable solution transfer
- fewer ink/water balance issues

dampening rollers | rinse per current TDS | corrective use

Periodic maintenance

Meter X

Slower-evaporating cleaner for periodic dampening roller care

PROBLEM

After extended service, dampening rollers lose hydrophilicity and fast cleaners may leave deeper deposits behind.

SOLUTION

Used periodically on rollers removed from the press. Slower evaporation extends contact time and supports penetration of the rubber surface.

KEY BENEFITS

- deeper periodic cleaning
- more stable water transfer
- fewer issues after extended runs

dampening rollers | off-press application | once or twice per month

SAFETY: Do not allow the product to enter the fountain solution.

MRC: UV/LED-UV - SHB UV Wash: UV inks only

MRC UV/LED-UV

Cleaner for dampening rollers used with UV and LED-UV printing

PROBLEM

Deposits reduce surface hydrophilicity and disrupt fountain solution transfer between dampening rollers.

SOLUTION

Cleans dampening rollers used in UV and LED-UV production. Releases deposits, opens the rubber surface and improves solution transfer.

KEY BENEFITS

- improved surface hydrophilicity
- more stable water transfer
- fewer corrections during production

dampening rollers | UV and LED-UV | match to elastomer compound

SHB UV Wash

Wash for inking rollers and blankets used with UV inks

PROBLEM

An unsuitable wash may leave cured-ink residue or cause excessive elastomer swelling.

SOLUTION

For manual and automatic cleaning of inking rollers and blankets after UV inks. The formulation helps minimise elastomer swelling. Confirm compatibility with the specific roller compound before use.

KEY BENEFITS

- effective UV ink removal
- less manual follow-up cleaning
- helps minimise elastomer swelling

Inks: UV | Cleaning: manual or automatic | Components: inking rollers and blankets | Compatibility trial required

SAFETY: Confirm compatibility with the specific roller compound before use.

Water parameters and foam control

WaterFixer

Magnesium rehardener for reverse osmosis (RO) water

PROBLEM

Reverse osmosis removes calcium and magnesium. Water with very low hardness can destabilise fountain solution preparation.

SOLUTION

A magnesium rehardener added to RO water before the fountain solution is prepared. Restores magnesium content and enables controlled water hardness.

KEY BENEFITS

- repeatable solution make-up
- more stable water parameters
- fewer process corrections

Water: reverse osmosis (RO) | Components: magnesium | Guide: 0.2-0.5% | Set after water analysis

Anti Foam

Defoaming additive for the dampening system

PROBLEM

Foam in the tank and pipework disrupts circulation, level control and fountain solution stability.

SOLUTION

Reduces excessive foaming in the dampening system. Dose to suit the actual operating conditions.

KEY BENEFITS

- calmer circulation
- easier level control
- fewer dampening-system disruptions

dampening system | process additive | dose as required

Clean circulation and reliable nozzles

Step One / Step Two

(formerly A+B System Cleaner)

Two-stage dampening circuit cleaning

PROBLEM

Ink, grease, scale and biological contamination remain in the tank, pipework and circulation loop.

SOLUTION

Step One removes grease, ink and organic deposits. Step Two neutralises the first stage, flushes residues and completes the hygiene treatment specified in the current TDS.

KEY BENEFITS

- clean tank and pipework
- fewer deposits in circulation
- more stable system operation

Tank and pipework | Technotrans and closed-loop systems | Two-stage procedure | Typical full-system cycle: approx. 1 hour

Aquaboost

Water additive for automatic washing systems

PROBLEM

Hard water impairs detergent emulsification and promotes deposits in automatic washing nozzles.

SOLUTION

Supports detergent emulsification with water and helps reduce deposits in automatic washing-system nozzles.

KEY BENEFITS

- fewer blocked nozzles
- more stable automatic wash cycles
- fewer operator interventions

automatic washing systems | water additive | dose per current TDS

Paper dusting and fibre picking

Paper Dust Killer

(formerly Non Piling Additive)

Process additive for reducing paper dust and piling

PROBLEM

Paper dust and fibres build up on blankets, forcing frequent wash stops.

SOLUTION

Helps reduce paper dust, piling and fibre build-up on blankets without materially changing fountain-solution pH or conductivity when dosed as specified.

KEY BENEFITS

- less dust on blankets
- longer intervals between washes
- fewer production stops

Dose guide: 1-5% | Processes: sheetfed / cold-set / heat-set | No material effect on pH or conductivity | Confirm dose in current TDS

Hydrolube

Process additive for reducing ink tack and fibre picking

PROBLEM

On difficult stocks, paper adheres to the blanket, picks fibres and increases the risk of dusting or web breaks.

SOLUTION

Helps reduce ink tack, improves stock release from the blanket and limits fibre and paper-dust build-up.

KEY BENEFITS

- cleaner blankets
- fewer web breaks and stops
- longer runs between washes

process additive | difficult stocks | pack sizes: 1 L and 5 L

Ink drying, pile protection and downstream finishing

Fountain Dryer

(formerly Fountain Dryier / Fountain Solution Drier Liquid)

Additive for accelerating oxidative ink drying

PROBLEM

Slow oxidative ink drying causes set-off in the pile and delays finishing operations.

SOLUTION

A strong oxidative drier dosed into the fountain solution to support formation of a flexible, resistant ink film.

KEY BENEFITS

- faster oxidative drying
- less set-off in the pile
- faster release to finishing

add to fountain solution | start: 0.5-1% | up to 2% after a production trial

Spray Powder C15 / C25 / C40

(formerly ABC Spray Powder 500/C15, 300/C25, 200/C40)

Sheetfed spray powder in three particle grades

PROBLEM

Fresh ink sets off in the pile, while excess powder can interfere with downstream finishing.

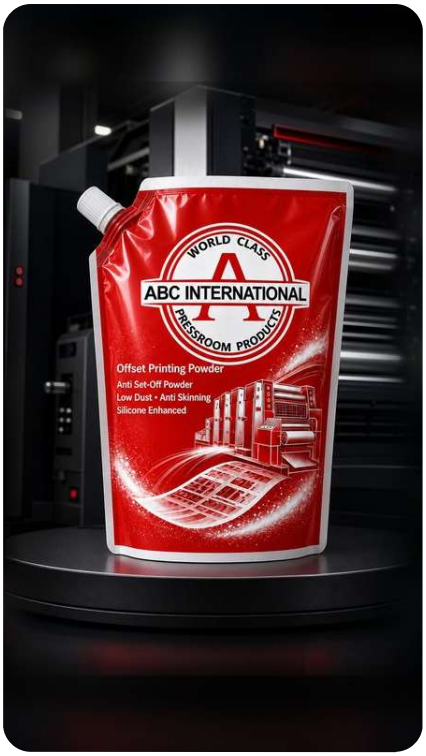
SOLUTION

Low Dust, silicone-coated corn-starch powder separates sheets: C15 for lighter papers, C25 for standard sheetfed work and C40 for board and high ink coverage.

KEY BENEFITS

- less set-off in the pile
- better sheet separation
- compatible with folding, laminating, UV coating and hot-foil stamping

C15: lightweight papers | C25: standard work | C40: board and high coverage | Technology: Low Dust



Web offset - web conditioning

Premium Silicone Web Coating

(formerly Premium Silicon Web Coating)

Silicone for web coating and remoistening

PROBLEM

After drying, the web may show uneven slip, reduced gloss and greater susceptibility to rub-off.

SOLUTION

A water-soluble silicone formulation for web remoistening and coating. At the specified working concentration it supports uniform application and helps reduce fish-eye defects.

KEY BENEFITS

- reduced surface rub-off
- improved gloss and surface protection
- smoother web transport

Process: web offset | Working concentration: 35-50% | pH of 1% solution: 6.0-7.0 | Storage: 5-30°C

IPA reduction and calcium control

Premium Star Fount

(formerly All Star Fount / All Star Fount PRO-LED-UV)

Fountain concentrate for IPA-free or reduced-IPA offset

PROBLEM

pH variation and excess IPA make a thin water film and stable ink/water balance difficult to maintain.

SOLUTION

Super-concentrated fountain additive for conventional, UV, LED-UV and EB inks. Supports IPA-free operation or reduction to 2-3%.

KEY BENEFITS

- more stable ink/water balance
- less start-up waste
- more repeatable print production

dose per current TDS | working-solution pH: 4.0-5.0 | IPA reduction possible

Premium Total Fount

(formerly Titan Elite Fount)

Advanced IPA-free fountain additive with calcium control

PROBLEM

Calcium builds up on rollers and the fountain solution loses stability with conventional and UV inks.

SOLUTION

Designed for IPA-free operation. Binds calcium, helps limit glazing and stabilises the ink/water balance, including with special inks.

KEY BENEFITS

- less calcium build-up
- more stable water transfer
- fewer corrections on long runs

dose per current TDS | working-solution pH: 4.4-5.0 | IPA-free operation

Sheetfed and hybrid printing

Premium Eco Fount

(formerly Green Fount 8068 (soft/medium water) / 9068 (hard/very hard water))

Fountain additive for controlled IPA use and calcium control

PROBLEM

Higher IPA levels and hard water increase the risk of calcium build-up and unstable ink/water balance.

SOLUTION

For conventional, UV and LED-UV printing. Stabilises pH, provides calcium control and supports operation at a controlled IPA level.

KEY BENEFITS

- more stable operation with IPA
- less calcium deposition
- more repeatable ink/water balance

Former 8068: soft/medium water | Former 9068: hard/very hard water | Recommended IPA: 5-10% | Confirm current TDS

SAFETY: Match the current specification to local water hardness before dosing.

Premium Combi Fount

(formerly Combisol EW)

Fountain additive for hybrid printing

PROBLEM

Switching between conventional and UV inks requires stable dampening without foam or water-parameter fluctuations.

SOLUTION

Wetting agents stabilise the ink/water balance in hybrid production and support IPA reduction. Set working parameters to the press and current TDS.

KEY BENEFITS

- smoother changeovers between conventional and UV inks
- fewer balance fluctuations
- more stable production

hybrid printing | IPA reduction per TDS | set pH to process conditions

Demanding stocks and controlled IPA use

Premium Big Star Fount

(formerly Gold Star Fount)

Fountain additive for demanding stocks and packaging printing

PROBLEM

Printing on metal and packaging stocks requires stable dampening and reliable support for ink drying.

SOLUTION

Stabilises the fountain solution, protects the plate and supports drying through drier components and gum arabic.

KEY BENEFITS

- more stable printing on demanding stocks
- better plate protection
- fewer stops for correction

Packaging printing | Dose: current TDS | Set parameters on press

Isopropyl Alcohol 99%

Fountain-solution component for offset processes requiring IPA

PROBLEM

Excessive surface tension prevents formation of a thin, even water film on the plate.

SOLUTION

Isopropyl alcohol at 99% purity lowers fountain-solution surface tension and supports uniform wetting. Set the IPA level to the press technology.

KEY BENEFITS

- more uniform plate wetting
- better control of water feed
- more predictable process conditions

Purity: 99% | Application: offset | Dosage: process-specific | Ventilation: required

SAFETY: FLAMMABLE PRODUCT. Use with effective ventilation.

Web offset

Premium Roto Fount CS

(formerly ABC News Fount 8088 / Web Fount News)

Fountain additive for cold-set web offset

PROBLEM

In high-speed newspaper production, emulsification, foam and contamination can rapidly increase start-up waste.

SOLUTION

A cold-set web offset concentrate supporting stable water transfer, corrosion control and cleaner fountain circulation.

KEY BENEFITS

- less start-up waste
- more stable water transfer
- cleaner circulation

cold-set | dose per current TDS | working-solution pH: 5.5-6.0

Premium Roto Fount HS

(formerly Alcomi 3368 IPA Free Heat-Set)

Fountain additive for heat-set web offset

PROBLEM

High-speed heat-set production requires control of foam, pH, circulation and plate restart after press stops.

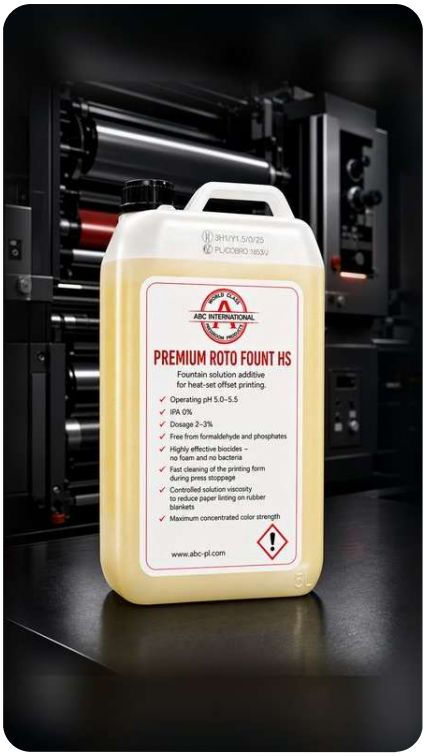
SOLUTION

A heat-set web offset stabiliser for IPA-free operation, supporting clean plate restart after press stops, corrosion protection and predictable water transfer.

KEY BENEFITS

- faster plate start-up
- more stable water transfer
- less start-up waste

Heat-set web offset | Dose: 2-3% | IPA: 0% | Formaldehyde-free and phosphate-free



Cleaning and activation

Activator Plate Cleaner

(formerly Activator Plate Plus)

Plate cleaning and activation cream

PROBLEM

The plate starts poorly, tones in non-image areas or requires rapid removal of ink and gum residue.

SOLUTION

A high-strength cleaner for routine plate cleaning. Activates image areas and desensitises non-image areas.

KEY BENEFITS

- faster plate start-up
- less toning
- less start-up waste

compatible plates | daily use | trial before implementation

Premium Eazy Plate Cleaner

(formerly Everyday Plate Cleaner Extra)

Mild cream for routine plate cleaning

PROBLEM

Light contamination and ink residue reduce background cleanliness, but the plate does not require an abrasive cleaner.

SOLUTION

Gently removes ink and gum residue without aggressive action on the plate image layer.

KEY BENEFITS

- cleaner non-image areas
- lower risk of image damage
- faster return to print

for CtP plates | removes ink and gum | non-abrasive

Local cleaning and plate protection

Fast Plate Cleaner

(formerly FastaKlean / Fastaklen Plate Cleaner)

Strong plate cleaner with abrasive action

PROBLEM

A heavily soiled or oxidised plate does not respond to a standard plate-cleaning cream.

SOLUTION

A heavy-duty abrasive plate cleaner for tenacious deposits and oxidation on compatible presensitised plates. Apply locally after a compatibility trial.

KEY BENEFITS

- removal of tenacious deposits
- fewer plate remakes
- shorter downtime

presensitised plates | local application | compatibility trial required

Premium Finish Gum

(formerly Finish Gum Ready To Use)

Ready-to-use gum arabic for plate protection

PROBLEM

The plate oxidises during press stops or storage and then starts less cleanly on press.

SOLUTION

A ready-to-use protective film shielding the CtP plate surface from oxygen and contamination.

KEY BENEFITS

- plate protection during stops
- more reliable restart
- lower oxidation risk

ready to use | protection during downtime | follow plate manufacturer guidance

Plate preparation and protection

Premium A-Gum

(formerly A-Gum)

Gum arabic concentrate for CtP processors

PROBLEM

High plate volumes require economical, stable protection in an automated workflow.

SOLUTION

For use in the gumming section of compatible CtP plate processors after dilution 1:4. Forms a hydrophilic protective film on the plate.

KEY BENEFITS

- stable plate protection
- lower product consumption
- repeatable CtP workflow

14°Bé | Dilution: 1:4 | Gum arabic | Compatible CtP plate processors

Phosphoric Acid

20% phosphoric acid for offset plates

PROBLEM

Tenacious deposits and grease interfere with correct wetting of non-image areas.

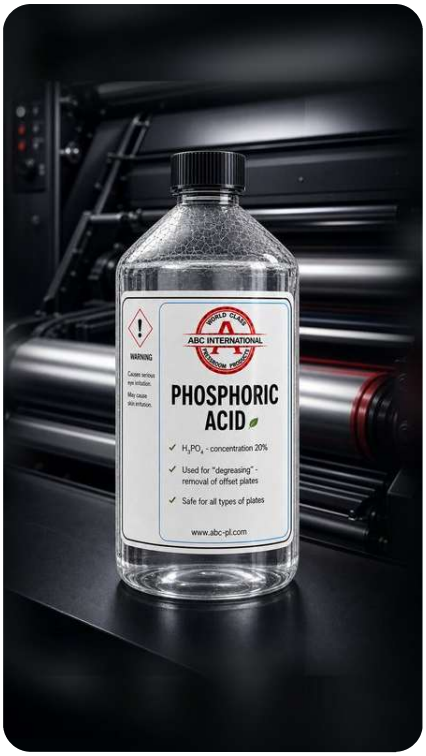
SOLUTION

For desensitising the non-image areas of offset plates and supporting the removal of tenacious deposits. Use only as specified in the current technical documentation.

KEY BENEFITS

- cleaner non-image areas
- improved plate wetting
- less toning

H3PO4 20% | for offset plates | controlled use



SAFETY: Acidic product. Appropriate personal protective equipment is required.

Plate processing and bath replenishment

Developer CtP

Developer concentrate for compatible CtP plates

PROBLEM

Unstable processing can weaken fine halftone dots and require the plate to be remade.

SOLUTION

A 1:5 concentrate for preparing developer for compatible CtP plates and processors. Confirm the selection with the plate and processor manufacturers.

KEY BENEFITS

- more repeatable plate processing
- better retention of fine dots
- fewer plate remakes

Concentrate: 1:5 | Plates: compatible CtP | Processor: compatible | Selection: plate instructions

SAFETY: Confirm plate and processor compatibility before use.

Replenisher

Developer replenisher for compatible CtP processors

PROBLEM

Developer activity changes during use, reducing processing consistency from plate to plate.

SOLUTION

Replenishes a compatible developer solution, helping maintain process stability and extend the working life of the CtP processor bath.

KEY BENEFITS

- more stable plate processing
- less frequent bath replacement
- less plate-to-plate variation

Application: CtP processors | Dosage: current TDS | Match to developer and plate

SAFETY: Use only in a compatible plate-developer-processor system.

Water-based coatings and concentrates

AQ Coating Cleaner

Cleaner for water-based dispersion coatings

PROBLEM

Dried water-based coating blocks chamber systems, pipework and anilox cells.

SOLUTION

A concentrated cleaner for circulation or manual cleaning. It releases water-based coating residue, reducing manual follow-up cleaning and the risk of mechanical damage to the anilox surface. Flush the system with clean water after use.

KEY BENEFITS

- shorter cleaning of the coating circulation system
- less manual follow-up cleaning
- lower risk of surface damage

typically 1:1 with water | concentrate pH: 6.6 | fully water-miscible

Xtra Flex Wash SC

Super-concentrate for circulation cleaning of water-based ink systems

PROBLEM

Dried water-based ink and pigment remain in anilox cells and throughout the ink circulation system.

SOLUTION

Designed primarily for circulation cleaning of pumps, hoses and chambers after water-based inks. The typical working dilution is 1:8 to 1:15. It may also be used for manual cleaning and is supplied as a concentrate or a ready-to-use liquid.

KEY BENEFITS

- cleaner ink circulation systems
- more stable ink transfer
- lower working-solution consumption

Inks: water-based | Primarily circulation cleaning | Dilution: 1:8-1:15 | Form: concentrate or ready-to-use liquid

UV/EB, solvent-based and water-based inks

Flexo Wash V

Water-miscible cleaner for UV/EB, solvent-based and water-based inks

PROBLEM

UV/EB, solvent-based or water-based ink residue reduces the active volume of anilox cells.

SOLUTION

For anilox rolls and ink circulation systems: manual cleaning, circulation cleaning or use in an ultrasonic cleaner. Set the working concentration and cycle parameters according to the TDS and the equipment instructions.

KEY BENEFITS

- effective removal of the specified inks
- restored ink transfer
- less downtime for follow-up cleaning

Inks: water-based / solvent-based / UV-EB | Cleaning: manual / circulation / ultrasonic | Dilution: according to TDS | Cycle: according to equipment instructions

SAFETY: Select separate procedures for the anilox roll, ink circulation system and printing plate; complete the specified rinse after cleaning.

Flex Wash Sonic

Low-foam cleaner for industrial ultrasonic cleaners

PROBLEM

Water-based, solvent-based and UV/EB ink deposits fill anilox cells and reduce ink transfer.

SOLUTION

A water-miscible, neutral-pH cleaner with corrosion inhibitors for ultrasonic cleaning of anilox rolls and compatible press parts. Use with or without heating according to the ultrasonic cleaner settings and TDS.

KEY BENEFITS

- fast penetration of UV residues
- longer, cleaner bath operation
- repeatable cleaning results within a validated process

Inks: water-based / solvent-based / UV-EB | Industrial ultrasonic cleaner | Use neat or add up to 30% water | Heating: according to equipment and TDS

SAFETY: H319. Set cycle parameters according to the ultrasonic cleaner instructions and current TDS.

Anilox and dried coating-deposit cleaning

Anilox Cleaner

Alkaline cleaner for dispersion-coating residue on anilox rolls

PROBLEM

Dried dispersion coating reduces active cell volume and weakens coating transfer.

SOLUTION

Water-miscible alkaline cleaner for anilox rolls. Releases dispersion-coating deposits and requires controlled application and thorough water rinsing.

KEY BENEFITS

- restored available cell volume
- more stable coating transfer
- fewer coating-unit corrections

Deposits: dispersion coatings | pH: 12.9 | Miscibility: water | Rinsing: thorough

SAFETY: CORROSIVE (H290, H314). Protect hands, eyes and face; test material.

Water-based, UV and EB inks - ink-system cleaning

Flex Wash Aqua

Low-foam concentrate for water-based ink circulation systems

PROBLEM

Dried water-based ink builds up in chambers, hoses and anilox cells, reducing transfer.

SOLUTION

A low-foam concentrate with corrosion inhibitors for circulation, spray, pressure and manual cleaning. For water-based inks, dilute with up to nine parts water.

KEY BENEFITS

- cleaner ink circulation systems
- more stable ink transfer
- shorter job changeovers

Inks: water-based | Cleaning: circulation / spray / pressure / manual | Dilution: up to 1:9 with water | Low-foam concentrate

SAFETY: Run a material compatibility test on aluminium and coated surfaces.

Flex Wash UV

Cleaner for automatic and manual cleaning after UV and EB inks

PROBLEM

UV and EB inks form a persistent film in hoses, chambers and on anilox rolls.

SOLUTION

For bath, circulation and manual cleaning of compatible ink-system components. It releases dried residues and helps restore clean working surfaces.

KEY BENEFITS

- more effective UV/EB ink removal
- less manual follow-up cleaning
- faster production restart

Inks: UV / EB | Cleaning: automatic and manual | Application: ink circulation systems and anilox rolls

SAFETY: Verify material compatibility and set the cycle parameters according to the current TDS and SDS.

Manual cleaning and photopolymer printing plates

Flex Wash UVM

Cleaner for local manual cleaning after UV and EB inks

PROBLEM

Local UV and EB ink deposits on anilox rolls, chambers and press parts require controlled manual cleaning.

SOLUTION

A ready-to-use cleaner for compatible surfaces. It supports local residue removal without running a full automatic cleaning cycle.

KEY BENEFITS

- faster local cleaning
- fewer persistent UV/EB residues
- shorter maintenance downtime

Inks: UV / EB | Cleaning: manual only | Application: compatible press parts

SAFETY: Do not use in automatic systems; this product is intended for manual cleaning.

PoliClean

Low-swell cleaner primarily for photopolymer plate washers

PROBLEM

Water-based, solvent-based and UV/EB ink residues remain in plate relief and on compatible rollers or press parts.

SOLUTION

A cleaner intended primarily for compatible photopolymer plate washers. It may also be used manually on rollers and press parts. Use undiluted; the formulation limits photopolymer swelling.

KEY BENEFITS

- cleaner plate relief
- lower photopolymer swelling risk
- manual use on rollers and press parts

Inks: water-based / solvent-based / UV-EB | Primarily for photopolymer plate washers | Manual use: rollers and press parts | Use undiluted

SAFETY: Confirm compatibility with the specific photopolymer plate, roller and washer before use.

Heavy deposits and cylinders

Ink Stripper

Powerful remover for dried ink and deposits

PROBLEM

Cured ink, carbonised residue and old deposits block ink ducts, trays, cylinders and hard press components.

SOLUTION

High-penetration cleaner for removing dried films and heavy contamination from chemically resistant surfaces.

KEY BENEFITS

- faster removal of aged deposits
- less mechanical work
- faster return of components to service

hard components only | spot application | verify material resistance

SAFETY: DO NOT USE ON EPDM. Appropriate protective equipment is required.

Turbo Clean

Strong cleaner for cylinders and hard surfaces

PROBLEM

Ink, coating, paper dust and grease accumulate on impression cylinders and press frames.

SOLUTION

Rapidly penetrates heavy contamination on metal components, ink ducts and trays. May be diluted with water to suit the task.

KEY BENEFITS

- faster cylinder and tray cleaning
- less manual scrubbing
- faster press return to service

hard surfaces | manual cleaning | water dilution possible

Pressroom cleaning and maintenance

Press Shop Cleaner

Routine cleaner for press housings, exterior panels and resistant surfaces

PROBLEM

Ink and general contamination accumulate on press housings, exterior panels, impression cylinders and bindery equipment.

SOLUTION

A routine cleaner for resistant pressroom and bindery surfaces. Clean compatible monitors only with a lightly moistened cloth; never spray directly onto screens or controls.

KEY BENEFITS

- cleaner press and bindery surfaces
- faster routine housekeeping
- less secondary contamination

Press housings and exterior panels | Impression cylinders | Bindery equipment | Compatible monitors: cloth application only

SAFETY: Do not spray directly onto screens, control panels or electronic components.

IPA Cleaner

Fast-evaporating IPA cleaner for chemically resistant rollers and components

PROBLEM

Rollers and precision components in digital presses, cash registers and office printers require rapid cleaning without an oily film.

SOLUTION

Helps remove ink, grease and contamination from compatible rollers and components without leaving an oily residue.

KEY BENEFITS

- rapid evaporation
- clean surface without oily residue
- shorter service downtime

Digital presses | Cash registers | Office printers | Use with effective ventilation

SAFETY: Run a compatibility trial before use. Flammable product.

Dispersion adhesives in the bindery

Vinyl Glue Remover

Cleaner for water-based dispersion adhesives used in bindery equipment

PROBLEM

Dried adhesive on perfect binders and folder-gluers reduces adhesive-metering performance and extends restart time.

SOLUTION

Removes water-based dispersion adhesives from compatible perfect-binder and folder-gluer components. Match application to the material and soil level.

KEY BENEFITS

- shorter adhesive-system cleaning
- less manual scraping
- faster machine restart

Adhesives: water-based dispersions | Equipment: perfect binders and folder-gluers | Application: current TDS

SAFETY: Run a material compatibility trial before use.

PRODUCT SELECTION SUPPORT

Prepare the right process data for faster product selection

- contaminant or residue
- printing technology and ink system
- machine component and materials
- current cleaning method
- available circulation, washer or ultrasonic system

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