

# AutoClean

AUTOMATED CLEANING OF ALL  
PRESS PARTS AND INK TYPES



*Choosing the right cleaning solutions is an important key to a more sustainable business.*

## What do you need to AutoClean?

Which liquid to choose very much depends on the ink you use and the press parts you need to clean. Some liquids are good for cleaning aniloxes, but too aggressive for cleaning plates. Other liquids are good for cleaning plates, but might not be strong enough for cleaning parts.

Use this guide to find out which solution is the right one for your needs.

Among our wide portfolio of cleaning liquids you will find solutions suitable for cleaning all types of press parts and inks in both Flexo Wash and non-Flexo Wash cleaning systems.

We are always ready to guide you if you have any questions.

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# Anilox cleaning

## Anilox Deep Cleaners

Our FW Anilox Deep Cleaner series is specially developed to clean difficult inks. The liquids are all highly alkaline with a low degree of foaming.

All the FW Anilox Deep Cleaners should be used in an automated anilox cleaning machine.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW Anilox Deep Cleaner C	✓	✓	✓	-	55-60°C	1:0*	8,0 %	No ADR	C1: 20 kg C2: 20 kg
FW Anilox Deep Cleaner 1B	✓	✓	✓	-	55-60°C	1:1	3,4 %	ADR	20 kg 200 kg 1000 kg
FW Anilox Deep Cleaner 1W	✓	-	-	-	55-60°C	1:1	11,0 %	ADR	20 kg 200 kg 1000 kg
FW Anilox Deep Cleaner 3S	✓	✓	✓	-	55-60°C	1:1	8,0 %	ADR	20 kg 200 kg 1000 kg
FW Anilox Deep Cleaner 3S - Premixed	✓	✓	✓	-	55-60°C	1:0**	-	ADR	200 kg 1000 kg

\* FW Anilox Deep Cleaner C, consists of two cans, C1 and C2 for mixing in the tank.

\*\*FW Anilox Deep Cleaner 3S - Premixed, is already mixed with water.



# Anilox cleaning

## FW Anilox + Cleaners

Our FW Anilox + Cleaner series consists of solid and effective liquids for all types of ink. The liquids are all alkaline liquids.

All the FW Anilox + Cleaners should be used in automated anilox cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW Anilox + Cleaner	✓	✓	✓	-	55-60°C	1:1	11,0 %	ADR	20 kg 200 kg 1000 kg
FW Anilox + Cleaner C	✓	✓	✓	-	55-60°C	1:1*	11,0 %	No ADR	C1: 15 kg C2: 5 KG
FW Anilox + Cleaner 1A	✓	✓	✓	✓**	55-60°C	1:1	11,0 %	ADR	20 kg 1000 kg
FW Anilox + Cleaner - Low COD	✓	✓	✓	-	55-60°C	1:1	2,6 %	ADR	20 kg

\*FW Anilox + Cleaner C, which consists of two cans, C1 and C2 for mixing in the tank together with water.

\*\* A corrosion inhibitor has been added to protect aluminium, thus making it more alu-safe.



# Anilox cleaning

## FW Ultra Sonic Cleaners

Our FW Ultra Sonic Cleaner series consists of liquid specially developed for Ultra Sonic cleaning.

All the FW Ultra Sonic Cleaners should be used in automated anilox cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW Ultra Sonic Cleaner UV	-	✓	-	-	55-60°C	1:1	11,0 %	ADR	20 kg
FW Ultra Sonic Cleaner	✓	-	✓	-	55-60°C	1:1	8,0 %	ADR	20 kg



# Plate & sleeve cleaning

FW Solvent Cleaners & UV/Solvent Cleaners

Our FW UV/Solvent Cleaner series are all environmentally friendly substitutes for solvents with extremely good capabilities of dissolving ink.

To clean solvent based inks the FW Plate Cleaners are very effective, especially on HD plates.

Both series are ready to use in automated plate or sleeve cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW Plate Cleaner S	-	-	✓	-	20 - 45°C	1:0	9,95 %	No ADR	20 kg 200 kg 100 kg
FW UV/Solvent Cleaner 1A	-	✓*	✓*	-	20-35°C	1:0	0 %	No ADR	20 kg 215 kg 1000 kg
FW UV/Solvent Cleaner 4	-	✓	✓	-	20-35°C	1:0	96,2 %	No ADR	20 kg 200 kg 1000 kg
FW UV/Solvent Cleaner 8	-	✓	✓**	-	20-35°C	1:0	10 %	No ADR	20 kg 200 kg 1000 kg
FW UV/Solvent Cleaner 10	-	✓	✓	-	20-35°C	1:0	89,4 %	No ADR	20 kg 200 kg
FW UV/Solvent Cleaner 11	-	✓	✓	-	20-35°C	1:0	100 %	NO ADR	20 kg 200 kg
FW UV/Solvent Cleaner 12	-	✓	✓	-	20-35°C	1:0	98,2 %	ADR	19 kg 190 kg

\* Only for sleeve wash

\*\* Very effective on PVB inks.



# Plate & sleeve cleaning

FW UV/Aqua Cleaners & FW Aqua Cleaners

Our FW UV/Aqua Cleaner series consists of alkaline liquids, which are specially developed for cleaning both UV and waterbased inks.

The FW Aqua Cleaners are very effective on difficult waterbased inks and are non-corrosive.

Both series should be used in automated plate or sleeve cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW UV/Aqua Cleaner 2	✓	✓	-	-	30-40°C	1:5	45,4 %	No ADR	20 kg
FW Aqua Cleaner	✓	-	-	✓	45-55°C	1:10 1:5*	9,3 %	No ADR	20 kg 210 kg 1000 kg

\*FW Anilox + Cleaner C, which consists of two cans, C1 and C2 for mixing in the tank together with water.  
\*\* A corrosion inhibitor has been added to protect aluminium, thus making it more alu-safe.



# Plate & sleeve cleaning

DLE Cleaner

Our FW DLE Cleaner are specially developed to remove dust from laser engraved plates and sleeves. This makes it an excellent cleaner to be used in the pre-press process.

The liquid should be used in automated plate or sleeve cleaning machines cleaning with liquid and water.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW DLE Cleaner	-	-	-	-	45-55°C	1:5	8,4 %	ADR	19 kg



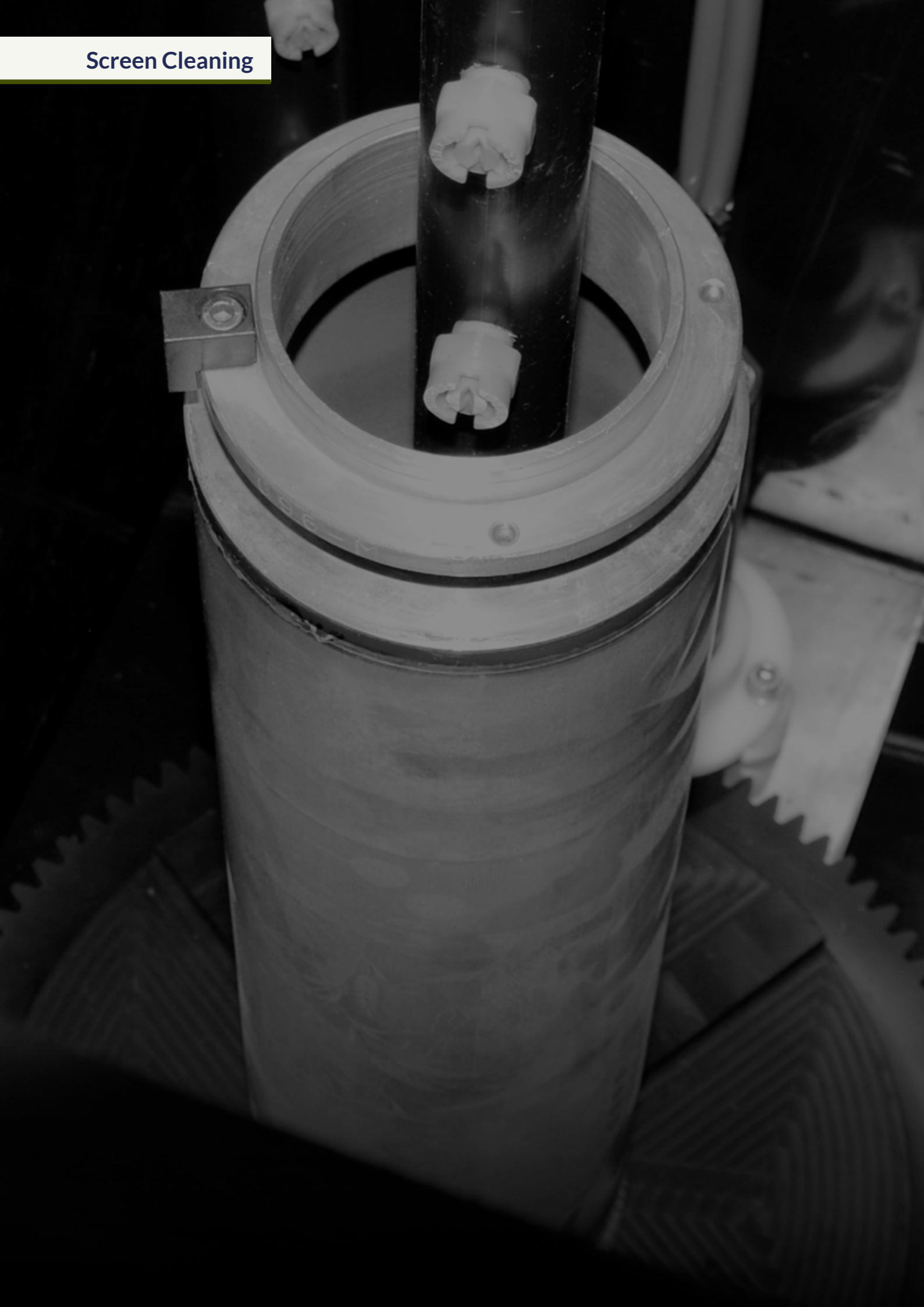
# Screen cleaning

FW 86500

The FW 86500 cleaner for screen cleaning is a very durable and good all around liquid for cleaning of UV inks.

The liquid is ready to use in automated screen cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW 86500	-	✓	✓	-	20-35°C	1:0	30,0 %	No ADR	20 kg 180 kg





# Parts cleaning

## FW UV/Solvent Cleaners

Our FW UV/Solvent Cleaner series are all environmentally friendly substitutes for solvents with extremely good capabilities of dissolving ink. Some products in the series are total VOC-free solutions.

All the FW UV/Solvents Cleaners are ready to use in an automated parts cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW UV/Solvent Cleaner 1A	-	✓	✓	-	20-35°C	1:0	0 %	No ADR	20 kg 215 kg 1000 kg
FW UV/Solvent Cleaner 4	-	✓	✓	-	20-35°C	1:0	96,2 %	No ADR	20 kg 200 kg 1000 kg
FW UV/Solvent Cleaner 6	-	✓	✓	-	20-35°C	1:0	0 %	No ADR	20 kg 215 kg 1000 kg





# Parts cleaning

## FW UV/Aqua Cleaners & FW Aqua Cleaners

Our FW UV/Aqua Cleaner series consists of alkaline liquids, which are specially developed for cleaning both UV and waterbased inks.

The FW Aqua Cleaners are very effective on difficult waterbased inks and are non-corrosive.

Both series should be used in an automatic parts cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW UV/Aqua Cleaner 3	✓	✓	-	-	30-40°C	1:1	5,0 %	No ADR	20 kg
FW Hot Cleaner	✓	✓	-	-	55-60°C	1:5	11,0 %	ADR	20 kg 1000 kg
FW Aqua Cleaner	✓	-	-	✓	45-55°C	1:10 1:15*	9,3 %	No ADR	20 kg 210 kg 1000 kg
FW Aqua Cleaner Extra 3	✓	-	-	✓	45-55°C	1:10 1:5*	15,9 %	No ADR	20 kg 200 kg 1000 kg

\*Should be mixed between 1:10 and 1:5 depending on how difficult the inks are to clean.



# Parts cleaning

## Special liquids

Our W 275 Cleaner is an alkaline combination product for cleaning of parts and aniloxes.

The FW Alka Cleaner is a strong and high alkaline liquid for cleaning of difficult inks - making it an excellent substitute for solvents.

Finally, the FW UV Offset Cleaner is developed for cleaning both UV & UV-Cold set inks - also a great alternative to cleaning with solvents\*\*.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
W 275	✓	-	-	✓	45-55°C	1:10 1:5*	5,0 %	ADR	20 kg 200 kg 500 kg
FW Alka Cleaner	✓	-	✓	-	50-70°C	1:1	7,9 %	ADR	230 kg 1150 kg
FW UV Offset Cleaner	-	✓	-	-	20-35°C	1:0	58 %	No ADR	17 kg 170 kg

\*Should be mixed between 1:10 and 1:5 depending on how difficult the inks are to clean.

\*\*Requires special Viton gaskets/sealings in the washing unit.



# Cylinder cleaning

*FW MCC Cleaner & FW Aqua Cleaner*

Our FW MCC Cleaner is specially developed for cleaning cylinder as an environmentally friendly alternative to solvents and are completely VOC-free. The FW Aqua Cleaners are very effective on difficult waterbased inks and are non-corrosive.

Both series should be used in an automatic cylinder cleaning machines.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
FW MCC Solvent Cleaner	-	✓	✓	-	20-35°C	1:0	0 %	No ADR	200 kg 1000 kg
FW Aqua Cleaner	✓	-	-	-	44-55°C	1:5	9,3 %	No ADR	20 kg 210 kg 1000 kg



# Circulation cleaning

## Special liquids

Both the W 275 and Circulation Cleaner are combination products for cleaning of parts and aniloxes. It is suitable for circulation cleaning in print presses.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
<b>W 275</b>	✓	-	-	✓	45-55°C	1:10 1:5*	5,0 %	ADR	20 kg 200 kg 500 kg
<b>Circulation Cleaner</b>	✓	-	-	✓	40-50°C	1:10	4,5 %	No ADR	20 kg 500 kg

\*Should be mixed between 1:10 and 1:5 depending on how difficult the inks are to clean.



# Anti foaming agents

## Special liquids

The FW Antifoam is a silicon-free defoaming agent for waterbased applications. Some waterbased inks will foam during washing.

It should be dosed into the wash tank of an automated cleaning unit together with e.g. FW Aqua Cleaner or Alka Cleaner.

	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Usage temp.	Mix in water	VOC	Shipment	Quantity
<b>FW Antifoam</b>	✓	-	-	✓	-	25 ppm	0,0 %	No ADR	20 kg



# Manual cleaning

## ManuClean

Manual cleaning with liquids can never fully replace automated cleaning, but it is the perfect choice for on-press cleaning and/or fast cleaning. However, it is important to use the right liquids and tools.

On these pages, you will find an overview of our different manual cleaners and which parts and ink types they should be applied to.

The Flexo Wash manual cleaning liquids are all safe to use, but some require after-rinsing with water.

Anilox cleaning	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Mix in water	VOC	Shipment	Quantity
Quick Clean	-	✓	✓	✓	1:0	49 %	No ADR	1 kg 20 kg
Quick Treat	✓	✓	✓	✓	1:0	38,9 %	No ADR	1 kg
Buster	✓	✓	✓	-	1:0	3,13 %	ADR	0,85 kg
Buster A	✓	✓	✓	-	1:0	-	ADR	1 kg
Buster W	✓	-	-	-	1:0	50,4 %	No ADR	1 l 20 l

Cylinder cleaning	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Mix in water	VOC	Shipment	Quantity
MCC Solvent Cleaner	-	-	✓	-	1:0	0 %	No ADR	20 kg

Parts cleaning	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Mix in water	VOC	Shipment	Quantity
Plate/Parts Cleaner UV/S	-	✓	✓	-	1:0	97 %	No ADR	1 kg 20 kg

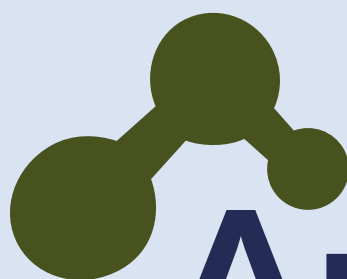
Plate/Parts Cleaner W	✓	-	-	-	1:5 1:10*	9,3 %	No ADR	1 kg
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Plate/sleeve cleaning	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Mix in water	VOC	Shipment	Quantity
Plate/Parts Cleaner UV/S	-	✓	✓	-	1:0	97 %	No ADR	1 kg 20 kg

Plate/Parts Cleaner W	✓	-	-	-	1:5 1:10*	9,3 %	No ADR	1 kg
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Press room cleaning	Waterbased inks	UV-based inks	Solvent based inks	Alu-safe	Mix in water	VOC	Shipment	Quantity
Press Room Cleaner	✓	✓	✓	✓	1:1	0 %	ADR	1 kg 20 kg

\*Should be mixed between 1:5 and 1:10 depending on how difficult the inks are to clean.



# AutoClean

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