



CITOCLYN

Flexographic printing cleaner

Especially developed for fast and thorough cleaning of printing plates and anilox rollers.

- **CITOCLYN Uni Plus** – cleaner with particularly strong cleaning effect, not subject to mandatory hazard labelling under CLP
- **CITOCLYN Uni Eco** – cleaner not subject to mandatory hazard labelling under CLP
- **CITOCLYN Base** – economical cleaner for daily cleaning
- **CITOCLYN Man** – for manual cleaning
- **CITOCLYN Anilox** – for anilox roller cleaning
- **CITOCLYN Calyex** – for removing calcium and magnesium residues
- **CITOCLYN UV** – for printing plate and anilox rollers in UV printing



CITOCLYN Uni Plus

- Not subject to mandatory hazard labelling under CLP
- Alkaline (pH 10 – 11)
- Low foam formation
- Large cleaning effect
- Printing plate-friendly
- Completely water-soluble
- Residue-free cleaning
- Removes calcium deposits
- VOC $\times < 1.5$ % (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.023 g/cm³



CITOCLYN Uni Plus

CITOCLYN Uni Eco

- Not subject to mandatory hazard labelling under CLP
- Mildly alkaline (pH 8 – 9)
- Low foam formation
- Large cleaning effect
- Printing plate-friendly
- Completely water-soluble
- Residue-free cleaning
- Removes calcium deposits
- VOC-free (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.023 g/cm³



CITOCLYN Uni Eco

CITOCLYN Uni Plus

CITOCLYN Uni Plus is a fast-acting and intensive washing product for **manual and automatic printing plate cleaning, machine cleaning as well as for parts washing systems**. CITOCLYN Uni Plus is also suitable for daily cleaning of anilox rollers and printing plates in flexographic printing machines, even for difficult to clean printing inks. The screens are kept clean so that a uniform ink density is achieved.

Due to the alkaline pH value of the concentrate, and the fact that it is not subject to mandatory hazard labelling under CLP, it has a particularly **strong cleaning effect** and a **low hazard potential for users**.

- Not subject to mandatory hazard labelling under CLP
- Low foam formation
- Residue-free cleaning
- Recommended dilution with water 1:5 up to 1:10
- Maximum temperature for automatic washing systems 50 °C
- Certified as safe for the cleaning of printing plates and anilox rollers for the printing of food packaging (food contact materials)

CITOCLYN Uni Eco

CITOCLYN Uni Eco is a fast acting washing product for **manual and automatic printing plate cleaning, machine cleaning as well as parts washing systems**. CITOCLYN Uni Eco is suitable for daily cleaning of anilox rollers and printing plates in flexographic printing machines. The grids are kept clean to ensure a uniform ink density is achieved.

- Not subject to mandatory hazard labelling under CLP
- No sticking of the printing plates after cleaning
- Can be used in heated roller washing systems
- Recommended dilution with water 1:5 up to 1:10
- Maximum temperature for automatic washing systems 50° C
- Certified as safe for the cleaning of printing plates and anilox rollers for the printing of food packaging (food contact materials)



CITOCLYN Base

- Recommended dilution with water
1:5 to 1:10
- Alkaline (pH 11.3)
- Fast cleaning effect
- Large cleaning capacity
- Printing plate-friendly
- Completely water-soluble
- Residue-free cleaning
- Corrosion inhibiting
- VOC: $x < 1.2\%$ (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.01 g/cm^3

CITOCLYN Man

- Highly alkaline (pH 13 – 14)
- Fast cleaning effect
- Large cleaning capacity
- Printing plate-friendly
- Completely water-soluble
- Residue-free cleaning
- VOC: $x < 0.25\%$ (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.077 g/cm^3

CITOCLYN Base

CITOCLYN Base is an economical and efficient detergent for daily **manual and automatic printing plate and anilox roller cleaning, machine cleaning and for parts washing systems.**

The flexographic cleaner is ideally suitable for difficult to clean printing inks in flexographic printing. CITOCLYN Base is also a good choice for cleaning in ink preparation.

The convincing value for money makes CITOCLYN Base the optimum product for daily use in direct corrugated board printing with water-based printing inks.

CITOCLYN Man

CITOCLYN Man is a flexographic printing cleaner for removing dried-on printing ink from printing plates or anilox rollers by manual cleaning outside the printing machine.

- Residue-free drying
- Pure or diluted with water up to 1:10
- Maximum temperature for automatic washing systems 50°C

CITOCLYN Anilox

- Highly alkaline (pH 13 – 14)
- Fast cleaning effect
- Outstandingly deep cleaning
- Maximum cleaning effect
- Low foam formation
- Completely water-soluble
- Residue-free cleaning
- Removes calcium deposits
- VOC: x < 3.0 % (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.06 g/cm³

CITOCLYN Anilox

CITOCLYN Anilox is an excellent washing agent for **manual or automatic cleaning in external cleaning systems for anilox rollers.**

- Outstandingly deep cleaning
- Low foam formation
- Can be used in heated roller washing systems
- Residue-free drying
- For manual cleaning pure or diluted with water up to 1:2
- Depending on the degree of soiling, leave to act for several minutes and then rinse off with clean water.
- For automatic cleaning diluted with water up to 1:5
- Maximum temperature for automatic washing system 40° C

CITOCLYN Calyex

- pH ~ 1.2
- Very good calcium dissolving capacity
- Easy handling
- Printing block-friendly
- Corrosion inhibiting
- No foaming
- VOC-free (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.05 g/cm³

CITOCLYN Calyex

CITOCLYN Calyex is a **manual cleaning agent for the removal of calcium and magnesium deposits.** The washing product dissolves stubborn calcium and magnesium residues, removing them quickly and thoroughly from anilox rollers and accessories. CITOCLYN Calyex is also suitable for removing deposits in printing plate cleaning systems.

- No foaming
- Outstanding calcium dissolving capacity
- Easy handling
- Recommended dilution with water 1:1
- Compatible with stainless steel, chrome, ceramic, PE and PP

CITOCLYN UV

- pH neutral (pH 6 – 7)
- High cleaning effect
- Printing plate-friendly
- Residue-free cleaning
- Flashpoint 100 – 110° C
- VOC-free (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.02 g/cm³

CITOCLYN UV

CITOCLYN UV is a cleaning agent for **removing UV flexographic printing inks, dispersion inks and 2C varnishes from anilox rollers and printing plates.**

- It is used pure and is suitable not only for manual cleaning but also for automatic washing systems. For manual cleaning, it can be applied on the printing plate or anilox roller using cloths or a spray can.
- For manual cleaning, depending on the degree of soiling, leave to act for several minutes and then wipe off with a lint-free cloth.
- Maximum temperature for automatic washing system 40° C



Refer to
instruction manual



cito.de/manual/citoclyn



Mixing ratio
calculator



cito.de/mixing

Storage instructions for CITOCLYN flexographic printing cleaning agent

- Protect from frost, heat and direct sunlight
- Store at room temperature in the original container
- 12 month shelf life

	Description	Unit (Litre)	Order no.
CITOCLYN Uni Plus	CITOCLYN Uni Plus	1,000	BMC06000
	CITOCLYN Uni Plus	1*	BMC06001
	CITOCLYN Uni Plus	20	BMC06020
	CITOCLYN Uni Plus	200	BMC06200
	CITOCLYN Uni Plus	600	BMC06600
CITOCLYN Uni Eco	CITOCLYN Uni Eco	1,000	BMC02000
	CITOCLYN Uni Eco	1*	BMC02001
	CITOCLYN Uni Eco	20	BMC02020
	CITOCLYN Uni Eco	200	BMC02200
	CITOCLYN Uni Eco	600	BMC02600
CITOCLYN Base	CITOCLYN Base	1,000	BMC08000
	CITOCLYN Base	1*	BMC08001
	CITOCLYN Base	20	BMC08020
	CITOCLYN Base	200	BMC08200
	CITOCLYN Base	600	BMC08600
CITOCLYN Man	CITOCLYN Man	1,000	BMC03000
	CITOCLYN Man	1*	BMC03001
	CITOCLYN Man	20	BMC03020
	CITOCLYN Man	200	BMC03200
	CITOCLYN Man	600	BMC03600
CITOCLYN Anilox	CITOCLYN Anilox	1,000	BMC04000
	CITOCLYN Anilox	1*	BMC04001
	CITOCLYN Anilox	20	BMC04020
	CITOCLYN Anilox	200	BMC04200
	CITOCLYN Anilox	600	BMC04600
CITOCLYN Calyex	CITOCLYN Calyex	1,000	BMC07000
	CITOCLYN Calyex	1	BMC07001
	CITOCLYN Calyex	20	BMC07020
	CITOCLYN Calyex	200	BMC07200
	CITOCLYN Calyex	600	BMC07600
CITOCLYN UV	CITOCLYN UV	1,000	BMC05000
	CITOCLYN UV	1*	BMC05001
	CITOCLYN UV	20	BMC05020
	CITOCLYN UV	200	BMC05200
	CITOCLYN UV	600	BMC05600

* 1 Litre container for test purposes only

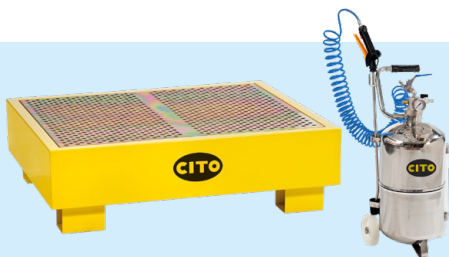


Application matrix

	Printing plate		Anilox roller		
	automatic cleaning	manual cleaning	automatic cleaning	manual cleaning	external cleaning
CITOCLYN Uni Plus	💧	💧	💧	💧	💧 ¹
CITOCLYN Uni Eco	💧	💧	💧	💧	
CITOCLYN Base	💧	💧	💧	💧	
CITOCLYN Man		💧		💧	
CITOCLYN Anilox				💧	💧
CITOCLYN Calyex				💧	
CITOCLYN UV		💧	💧	💧	

💧 Aqueous cleaning
 💧 Water-free cleaner

¹ Ultrasound cleaning



Other products for flexographic printing

Suitable products, accessories or colour measuring devices at:
www.cito.de/flexographic