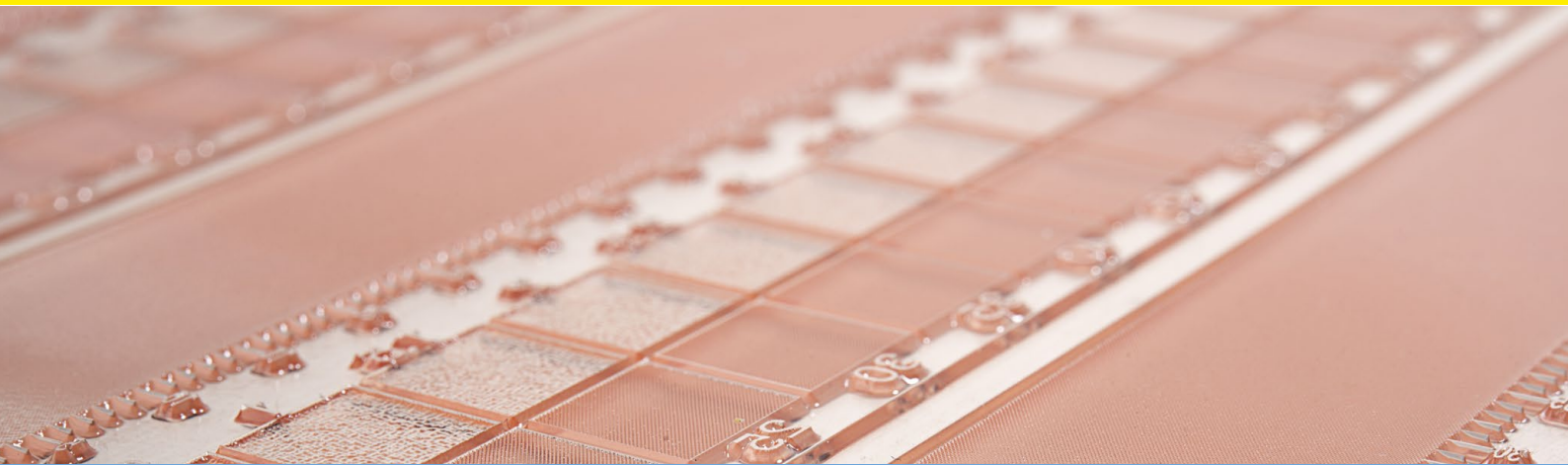


CITOCLYN

Flexographic printing cleaner

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

- **CITOCLYN Uni Eco** – cleaner not subject to mandatory hazard labelling under CLP
- **CITOCLYN Uni Plus** – cleaner with particularly strong cleaning effect, 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 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 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 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 × < 1.5 % (2010/75/EU)
- AOX-free
- Water hazard class 1
- Density 1.023 g/cm³



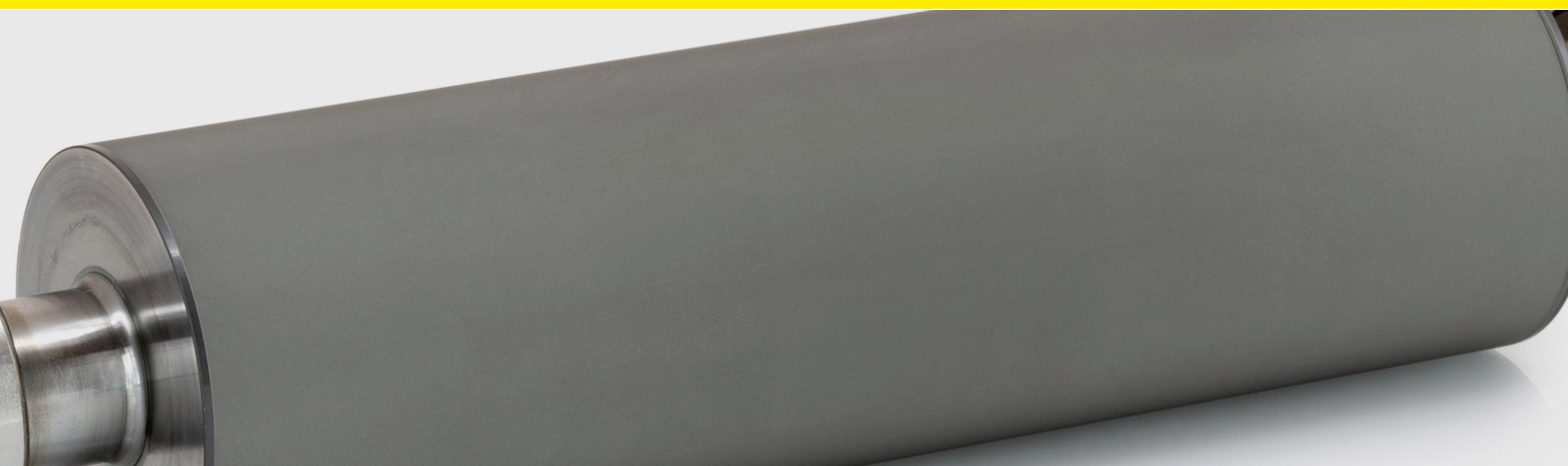
CITOCLYN Uni Plus

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 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 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

- 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 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



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 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 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 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

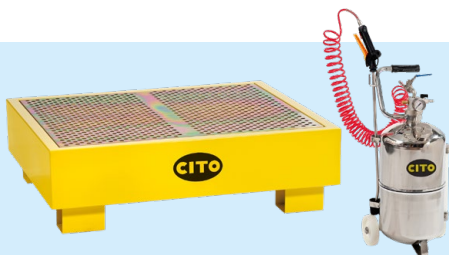


Application matrix

| | Printing plate | | Anilox roller | | |
|-------------------|--------------------|-----------------|--------------------|-----------------|-------------------|
| | automatic cleaning | manual cleaning | automatic cleaning | manual cleaning | external cleaning |
| CITOCLYN Uni Eco | 💧 | 💧 | 💧 | 💧 | |
| CITOCLYN Uni Plus | 💧 | 💧 | 💧 | 💧 | 💧 ¹ |
| 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