

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life





Eco-Point Group

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TECHNICAL DATA SHEET

Flexeco Plus. Powerful, biodegradable, water dilutable ink remover, perfectly suitable for removing flex printing inks.

Product description

Flexeco Plus is a concentrated, water dilutable cleanser based on fully biodegradable and natural surface active ingredients and detergents. The product also contains a biodegradable solving booster, that supports more intensive cleaning. Its natural character makes Flexeco Plus a revolutionary product that substitutes many chemical, environmentally damaging cleansers. With this product, Eco-Point indicates the beginning of a new era, in which man and environment are being taken into account, without compromising the quality of cleaning.

Solution areas

- screen structures are increasingly dense which increases the amount of clogged cells.
- ceramic anilox rollers get polluted easier than chrome plated rollers.
- thorough cleansing of the cells is necessary
- inks contain ever increasing amounts of pigments (the percentage of dry dust increases)
- maintenance means stagnation and thus loss of production

Sustainable solution

Flexeco Plus is a very powerful, concentrated cleanser that solves the problems mentioned above at places where people are allowed to use water. Using Flexeco Plus will result in a cleaner, safer and more pleasant working environment. Flexeco Plus is the revolutionary, fully biodegradable, multi-purpose solution to daily heavy cleaning jobs.

Special advantages

- Flexeco Plus is fully biodegradable because of its naturally occurring surface-active ingredients and detergents
- Flexeco Plus keeps the cell volume optimal, when regularly used
- Flexeco Plus contributes to a good ink transfer
- Regular use of Flexeco Plus results in prolonging the roller life and avoids unnecessary maintenance.
- Flexeco Plus is non corrosive, and therefore safe to use in contradistinction to lye solutions
- Flexeco Plus is not flammable; separate storage is not required
- Flexeco Plus is a multi-purpose product that substitutes various other products; in result, less different, often chemical, environmentally damaging cleaning products need to be stored.

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Areas of application

Flexeco Plus can be applied for handling difficult-to-remove inks such as:

- removing ink from polluted printing presses and floors
- removing ink remnants from printing blocks
- cleaning curfew printing cylinders and rollers
- cleaning tools

Remarks

Flexeco Plus must mainly be diluted with cold or lukewarm water. Using hot water will partly evaporate the active components, which may reduce the effectiveness of the product. Test first before using Flexeco on aluminium. When used at a high concentration the product may matt painted surfaces. Rinse with water or wipe with a wet sponge.



Flexeco Plus can play an essential role with her ISEGA approval for food processing companies that have to work according to HACCP standards. Contamination is a “critical point” and must be kept under close surveillance. Flexeco Plus contributes to a controlled working environment.

* Is an independent German research institute and issues certificates of fitness for cleaning products in the food industry.

Product instructions

Flexeco Plus is based on naturally occurring surface-active ingredients that lower the surface tension in such a way that the product even cleans damaged and cracked surfaces by penetrating into the cracks and lifting out the dirt.

Flexeco Plus emulsifies the pollution, but only temporarily. When using an oil separator, the oil and pollution will separate again from the cleaning solution.

- Flexeco Plus can be diluted with water from 1:1 to 1:25*, depending on the nature and the intensity of the pollution. Consult your product advisor for the best dilution. A general indication for removing inks is pure to 1:10.
- Let the Flexeco Plus dilution circulate and brush (if necessary with a roller brush) in the mean time. After cleaning rinse with clean water.

The cleaning time of Flexeco Plus depends on two parameters:

- mechanical support from an industrial washing machine, by brushing or by using a poker increases the cleaning speed
- in general, a higher concentration will also speed up the cleaning process

* When diluted, we recommend using softened or de-mineralized water. Diluted solutions can be kept for only a few days.

Packing material

Eco-Point International products are packed in polyethylene H.D. or metal drums. When repeat orders are being delivered, used drums which are empty and not polluted are collected free of charge for recycling or reconditioning purposes. When incinerated, polyethylene has no harmful effect on the environment.

Eco-Point sprayers are made of PE or PET: light weight, little raw material per bottle, low production energy consumption, virtually unbreakable and therefore long life, little waste during production and recycling, no harmful substances when incinerated, 100% recyclable.