

ECOPOINT

TECHNICAL DATA SHEET

By nature,
for life





Eco-Point Group

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TECHNICAL DATA SHEET

Flexeco Plus LF. Powerful, biodegradable, water dilutable ink remover, perfectly suitable for removing flex printing inks. Low foaming formulation specifically for machine and in-line cleaning.

General description

Flexeco Plus LF is a concentrated, water dilutable cleanser based on fully biodegradable and natural surface active ingredients and detergents. The product also contains a biodegradable solvency booster, that supports more intensive cleaning. Given the low foaming character, this product is particularly suitable for use in washing machines and for in-line cleaning, but also excellent for manual cleaning.

The problems

- 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
- too many foaming can disturb the process for mechanical and in-line cleaning

The answer

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

Special features

- Flexeco Plus LF is fully biodegradable because of its naturally occurring surface-active ingredients and detergents
- Flexeco Plus LF keeps the cell volume optimal, when regularly used
- Flexeco Plus LF contributes to a good ink transfer
- Regular use of Flexeco Plus LF results in prolonging the roller life and avoids unnecessary maintenance.
- Flexeco Plus LF is non corrosive, and therefore safe to use in contradistinction to lye solutions
- Flexeco Plus LF is low foaming so both for mechanically and manual use
- Flexeco Plus LF 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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Typical Applications

Flexeco Plus LF 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 LF must mainly be diluted with cold or lukewarm water. Test first before using Flexeco Plus LF on aluminium. When used at a high concentration the product may matt painted surfaces. Rinse with water or wipe with a wet sponge.



Seen its multipurpose characteristics, Flexeco Plus LF is suitable for the food processing industry.

It can play an essential role 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 LF contributes to a controlled working environment.

*Is an independent German research institute that issues certificates for adequacy of cleaning products for the food industry.

Method of use

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

- Flexeco Plus LF 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 LF 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 LF 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

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

Packing

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.