

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life

Eco-Point Group

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TECHNICAL DATA SHEET

Roleco. Graphic cleaning agent based on high-quality, low aromatic petroleum distillates, enriched with natural dissolving intensifiers. Suitable for washing rollers and rubber cloths of offset printing presses.

Product description

Roleco is an ultra user friendly cleaning agent for parts of offset printing presses, rubber cloths and rollers specifically. Safe in use, because of its low aromatic level. Can be applied both manually and in automatic cleaning systems.

Solution areas

- polluted machines
- washing ink rollers
- cleaning (rubber) cloths
- polluted floors
- polluted electric equipment

Sustainable solution

Roleco is the safe and effective answer to daily cleaning problems occurring in many offset printing offices. In practise, until recently these offices used many harmful, highly flammable and fast-evaporating solvents.

Roleco is not volatile, has a high flash point and thus is economical and safe in use. In addition, the product can be emulsified with water temporarily, which makes it possible to rinse the equipment with water afterwards.

Special advantages

- Roleco is an improved cleaning agent compared to the product that is being recommended for cleaning offset presses by the K.V.G.O. at the moment
- Roleco has an extremely high flash point: $>60^{\circ}\text{C}$
- Roleco has a very low aromatic level, maximum 0.03%. The dissolving power of the aromatics has been substituted in Roleco by adding different dissolving intensifiers, resulting in an extremely effective cleaning agent.
- Roleco does not spread hazardous fumes
- Roleco does not contain any chlorinated hydrocarbons, such as methylene chloride, 1.1.1 trichloroethane etc.
- Roleco has a sublime degreasing action and is economical in use
- By using emulsifiers, a non-permanent emulsion occurs when diluted with water. In consequence, it is possible to rinse with water afterwards.
- Roleco does not leave any residue and is not conductive
- If necessary, Roleco can be disposed via an oil-water separator. Contact your product advisor for further information about the possibility of disposing waste safely.
- Roleco contains an anti-corrosion ingredient
- Roleco removes both ink and paper dust

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Areas of application

Roleco is used to clean:

- ink reservoirs
- tools
- ink rollers
- (rubber) cloths
- metals
- objects, machines, parts and tools polluted with ink, oil or grease

Remarks

When used manually on rubber rollers, apply Roleco by using a cloth and rub out.

Do not spray in a naked flame and keep away from any source of ignition.

Roleco can also be used in flushing machines. Contact your product advisor for information about the Promatic 200: wash tray with circulating pump system.



Seen its multipurpose characteristics Roleco 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. Roleco contributes to a controlled working environment.

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

Product instructions

Roleco may be used purely. Besides, Roleco can also be applied diluted with water. In that case, make sure the dilution is used directly. Furthermore, Roleco can be applied by spraying, by immersion or by using cloths.

- Spraying: spray Roleco directly onto the object that is to be cleaned. Roleco works rapidly and powerfully, so wipe off with a cloth or rinse with water immediately.
- Immersion: immerse the object in Roleco. Leave to soak for some time. Then, let the object leak out and rinse with water or blow dry using air pressure. Before using air pressure, test the resistency of the material that is to be cleaned.
- Cloths: apply Roleco by using a moist cloth and wipe off the ink, paper residues and gum from the rubber cloth in one movement. After this, rub dry using a moist cloth.
- See the special annex for cleaning printing office machines.

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.

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Working instructions for cleaning presses

Washing ink-rollers with blotters

- attach the first blotter
- let the press turn at approximately 5000 turns/hour
- spray a thin layer of Roleco on the rollers
- leave the press turning for approximately 1 minute
- contact the blotter to the rollers and the ink
- spray again a little quantity of Roleco on the rollers after the next blotter is attached
- remove the Roleco with the blotter and repeat this if necessary
- only wash with water and a new blotter at the end of the day or, if necessary in between
- stop the press as soon as the rollers have dried up

Washing ink-rollers with a poker

- let the press turn at approximately 5000 turns/hour
- spray a thin layer of Roleco on the rollers
- leave the press turning for approximately 1 minute
- tighten the poker slightly and steady
- spray again a little quantity of Roleco on the rollers until they are visibly clean
- wash with water; this will remove remainders of Roleco and possible paper dust
- stop the press as soon as the rollers have dried up and remove the poker
- in case of automatic cleaning systems, follow the manual instructions

Cleaning the ink reservoir

- remove the ink out off the reservoir
- use a cloth impregnated with Roleco to rub in the ink reservoir, the roller and the ink spatula with Roleco
- let the Roleco do its job for some time
- clean the ink reservoir, the roller and the ink spatula using a dry cloth

Cleaning the rubber cloth

- wipe off the ink, paper residues and gum from the rubber cloth in one movement by using a moist cloth.
- rub in the rubber cloth using a cloth impregnated with Roleco
- clean the rubber cloth using a dry cloth
- in case of automatic cleaning systems, follow the manual instructions

Cleaning counter-pressure cylinder(s)

- use the same working method as stated at “cleaning the rubber cloth”