

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life

Eco-Point Group
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TECHNICAL DATA SHEET

MultiNext 600. Safe, powerful cleaner for removing various hardened 2K polymers, coatings and resins based on substances including polyurethane, polysulphides, isocyanates or epoxies.

Product description

MultiNext 600 is a safe, powerful cleaner for removal of various contaminants such as: (2-component) adhesives, sealants, resins (PU, epoxies, polyurea), coatings/paints and ink residues. It can also be used to soften or dissolve certain plastics and waxes.

Solution areas

- removal of hardened 2-component resins, adhesives, sealants, paint residues etc. often requires the use of highly damaging solvents (such as methylene chloride, NMP or NEP).
- damaging and aggressive solvents with a low flash point and/or high vapour pressure are also often used to clean inks.
- rapid evaporation of these solvents causes a harmful working environment due to high concentrations in the air, and can consequently contribute to Organo Psycho Syndrome (OPS) or 'painters disease', i.e. damage to the brain through inhalation of harmful solvents.
- severe industrial contamination such as tar and bitumen is often removed with aromatic solvents, which are carcinogenic.
- contaminated machines and objects present an exceptionally uncared-for image
- contaminants can damage materials and bring business processes to a standstill
- cleaning maintenance is normally highly labour-intensive and, therefore, costly

Sustainable solution

Following intensive research, Eco-Point has succeeded in developing a convenient biodegradable product that rapidly and efficiently removes all types of contamination. The use of MultiNext 600 results in cleaner, safer and more pleasant working processes and is the safe alternative for products based on methylene chloride, N-Methyl-2-pyrrolidone (NMP) or N-Ethylpyrrolidone (NEP)

Special advantages

- a very powerful, biodegradable cleaner with a very high flash point
- is free of methylene chloride, NMP and NEP
- is non-corrosive and non-harmful to ozone, so is safer to use than methylene chloride.
- is safe to use for a very large number of contaminants and is silicone-free
- is *the* replacement for many aggressive solvents.

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Areas of application

- cleaning 2-component PU systems such as spray guns and spray heads
- cleaning (2-component) adhesive mixers, paint pumps and spray guns
- can also be used as an ultrasonic cleaner in ultrasonic cleaning systems for severely contaminated parts.
- cleaning tools contaminated with inks, paints, resins etc.
- cleaning dirty floors and machines
- removal of resins/plastics such as polyamides, polyimides, polyesters, polystyrene, polyurethane, etc.
- the removal of tar and bituminous contaminants

Remarks

As MultiNext 600 can penetrate various substrates, a test in an inconspicuous place is recommended before final application of the product. MultiNext 600 can cause neoprene, Buna-N-rubber and natural rubber to dissolve or swell up.



With its ISEGA certification, MultiNext 600 can play a significant role for food and related companies that must operate in compliance with the HACCP guidelines. Contamination constitutes a 'critical point' and must be permanently monitored. MultiNext 600 contributes towards a controlled working environment and can be applied in full compliance with the BRC and IFS standards.

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

Product instructions

MultiNext 600 is normally applied neat. It can be pumped or used as a rinse or in an immersion bath.

- Pumping/rinsing: pump the fluid through or over the objects to be cleaned (using a High Volume Low Pressure pump if necessary) and allow to circulate for a while. Repeat if necessary.
- Immersion: immerse the object in the MultiNext 600. Allow the product to work for a while, then let the object drip and rinse with water or rub dry if necessary.

If the product is heated, its solubility in relation to oils and fats will increase.

Packing material

Eco-Point International packages its products in metal or polyethylene HD and accepts returns of empty/clean packages for recycling or reconditioning free of charge when further orders are placed. PE has no harmful effect on the environment when incinerated.

Spray bottles used by Eco-Point International are made of PE or PET: lightweight, low use of raw materials per package, low use of energy in production, virtually unbreakable, therefore has a long life cycle, low quantities of waste during production and subsequent recycling, no toxic substances upon incineration, 100% recyclable.