ECOPOINT

# TECHNICAL DATA SHEET

By nature,
for life

BIO BASED

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# Eco Parts Cleaner. Powerful, biodegradable cleaner for use in ultrasonic baths, spraycleaners, rinsing machines, etc.

## Product description

Eco Parts Cleaner is a liquid, concentrated water-dilutable degreaser/cleaner based on biodegradable constituents, tested and approved by a leading multinational. Eco Parts Cleaner is a revolutionary product and a replacement for many chemical cleaners and solvents with an environmental and health impact. With this product Eco-Point demonstrates the dawn of a new era. An era that takes account of people and the environment, without compromising on the quality of cleaning.

## Solution areas

- heavy industrial pollution
- ash and soot deposits
- dirt residues from mineral, vegetable and animal oils and fats
- foaming in machine washing systems
- powder becomes lumpy and is difficult to dose
- atmospheric pollution

## Sustainable solution

Eco Parts Cleaner is a powerful, low-foam concentrated ultrasonic and spray cleaner that is safe to use and biodegradable. Eco Parts Cleaner is used to replace many harmful solvents still used for cleaning today. This liquid is easy to dose, low foaming and mixes easily with water.

## Special advantages

- Eco Parts Cleaner is fully biodegradable and very safe compared to cleaners/degreasers made with aggressive lyes.
- Eco Parts Cleaner can be diluted in water
- Eco Parts Cleaner is a super-concentrate and therefore economical to use
- Eco Parts Cleaner has anti-corrosion properties
- Eco Parts Cleaner is non-flammable
- Eco Parts Cleaner has been specially developed for use in machine cleaning processes
- Eco Parts Cleaner contains no (aromatic or chlorinated) solvents so is VOC-free

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## Areas of application

- for cleaning machine parts
- cleaning tools
- for use with machine cleaning systems (spray washing, ultrasonic, immersion, etc.)
- for the removal of oils and fats from metal parts

## Remarks

At high concentrations the product can dull paint. Although it has been successfully tested on aluminium parts, when used on aluminium it is advised to always test in a less visible place (dulling or blackening are an indication that the product works into aluminium). If in doubt, contact your product advisor.

## Product instructions

Bath solution: the standard use concentration is 2-3% Eco Parts Cleaner; concentration may differ depending on the seriousness of soiling.
Eco Parts Cleaner is replenished when the degreasing effect becomes insufficient. Oil absorbed can be removed with an oil trap.

Bath control with Eco test kit (ask for “Work instruction titration Eco Parts Cleaner”).
1. Pipette 25 ml bath solution into a 300 ml Erlenmeyer flask.
2. Add approx. 100 ml of distilled water
3. Add 4-6 drops of indicator (phenolphthalein).
4. Titrate with 0.1 N hydrochloric acid until the colour changes from pink to colourless.
5. Note the amount of consumed mls 0.1 N hydrochloric acid.

Replenishing the bath solution: Rule of thumb: Each consumed 2.5 ml corresponds with 1% Eco Parts Cleaner. A 3% solution will therefore consume approx. 7-7.5 ml titrant.
Replenishing the bath: each litre of Eco Parts Cleaner M per 100 litre of bath solution increases the concentration by 1%.

Example: bath of 300 litres; measured concentration 0.5%; replenish with (3-0.5)/100% * 300 litres = 7.5 litres Eco Parts Cleaner.

For details: ask for the comprehensive work instructions.

## 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.