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ECO

ECO PART CLEANER

SOLVENT FREE BIOLOGICAL PARTS CLEANER

- Highly effective VOC- and solvent-free cleaning.
- Non-hazardous and non-flammable.
- Non-toxic – very safe to personal health.
- Removes oil, grease and grime efficiently.
- Leaves no residue and protects parts from corrosion.
- Regeneration of liquid – high cost savings.
- Minimizes waste, helps protecting the environment.
- Newest technology – low maintenance.
- Sturdy industrial grade design and build.
- Large cleaning basin with 100kg weight capacity.
- Brush, flush & soaking function for efficient work-flow.
- ECO-Mode for energy saving.
- Industrial grade and reusable filter sets.
- Easy in-use transport, due to built-in bottom rollers.
- With lid - reduces the evaporation of fluid.
- NSF-A1 registered



General Information

The ECO PART CLEANER allows for water-based VOC-free cleaning of parts without the need of solvents and regenerates its cleaning capacity with natural micro-organisms. The employee and the environment are protected from highly volatile vapors, which cause skin, eye and breathing irritations.
The ECO FLUID cleaning solution dissolves oils, greases, sludge, cutting coolants, anti-corrosion products, particles and similar contaminations from the parts and also reduces unpleasant odors. The easy-to-clean and reusable filter system separates coarse and fine contaminations continuously. Then natural micro-organisms bio-degrade the greases and oils, therefore maintaining the cleaning performance and at the same time providing a long service life of the liquid. No hazardous goods and no fire hazards are associated with the cleaning fluid. Adding just one ECO TAB tablet to the liquid enables the renewal of the entire population of micro-organisms every 4 to 6 weeks. This ensures an extremely cost effective and efficient maintenance of the entire system compared to solvent-based cleaning systems, where the solvent remains saturated and needs to be changed frequently at high cost of disposal.

Technical Information

Eco Part Cleaner dimensions:
l 905 x d 650 x h 1080 (mm)
Working area dimensions:
l 790 x d 420 x h 180 (mm)
Empty weight: 46 kg
Tank capacity: 55 to 100 l
Soaking area volume: 30 l/soaking height: 90mm
Pump flow: 1140 l/h
Heating power: 1 kW
Electric consumption: 200 W/h (Eco Mode: 12h/day : reduction of 25%)
Payload: 100 kg
Standard temperature: 38 °C
(boost mode: 43 °C : +50% for cleaning performance)
Composition: PEMD
Tool holder: Interchangeable Brush
Stainless steel filtration: 700 µm (basket filter) + 140 µm (external filter)
Power supply: 220 V
Height drain: 390 (mm)
Mobile: 2 integrated wheels + 2 integrated wheels with brake
Lid: limits evaporation

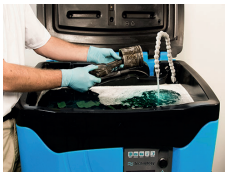
ECO FLUID:
Colour: Light Blue
pH-value: 9.0-9.7
Vapour pressure at 20 °C: 23hPa
Density at 20 °C: 1.00-1.01 g/cm³
Solubility in water: Fully miscible

ECO TAB:
Colour: Blue
pH-value at 20 °C: 7.5
Density at 20 °C: 16.8 g/cm³
Solubility in / Miscibility with water: soluble

Application and Use

- ECO PART CLEANER: The parts washer unit heats and regulates the liquid up to 38°C, which optimizes both cleaning and biodegradation. It is equipped with several cleaning possibilities (brush, flush and soaking) and a highly effective filtration system. It can be used on most metals, alloys, plastics and rubber.
- ECO FLUID : Aqueous and pH neutral solution, based on specific tensides. It is non-toxic and non-flammable and a solvent and safety-label free product. Recommendation:
  For sensitive materials such as zinc, brass or silicon-containing aluminium alloys, compatibility tests are recommended.
- ECO TAB: Concentrate of Class 1micro-organisms, which continuously regenerate the liquid by biodegrading the removed oils and greases. Adding just one tablet in the liquid enables the renewal of the entire population of micro-organisms every 4 to 6 weeks.

Article nr	Name	Content	Section
T400001	Eco Part Cleaner	1 pc.	CLEANERS AND DEGREASERS
T400004	Eco Tab	4pcs.	CLEANERS AND DEGREASERS
T400020	Eco Fluid	20l	CLEANERS AND DEGREASERS







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