



## ORG

## Organix 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.

**General Information**

The ORGANIX 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 ORGANIX 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 ORGANIX 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**

Organix 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

ORGANIX FLUID:

Physical state: Liquid

Colour: Light Blue

Odour: characteristic

pH-value: 9 - 9.7

Vapour pressure at 20°C: 23hPa

Density at 20°C: 1 - 1.01 g/cm³

Water solubility: completely miscible

Melting point/freezing point: 0°C

Initial boiling point and boiling range: 100°C

ORGANIX FLUID+:

Physical state: Liquid

Colour: blue

Odour: characteristic

Melting point: ≈ 0°C

Freezing point: ≈ 0°C

Initial boiling point and boiling range: ≈ 100°C

pH-value (20°C): 9.2 - 10.2

Dynamic viscosity at 25°C: < 0.01 Pa·s

Density at 20°C: 1.01 g/cm³

ORGANIX TAB:

Physical state: solid

Colour: Blue

Odour: characteristic

pH-value at 20°C: 7.5

Density at 20°C: 1.15 g/cm³

Water solubility: easily soluble

ORGANIX FLUID PE SMS:

Physical state: Liquid

Colour: greenish blue

Odour: characteristic

pH-value: 8.2 - 8.8

Melting point/freezing point: 0°C

Initial boiling point and boiling range: 100°C

Vapour pressure at 20°C: 23hPa

Density at 20°C: 1 - 1.03 g/cm³

Water solubility: completely miscible

**Notice**

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**Application and Use**

- ORGANIX 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.
- ORGANIX FLUID / ORGANIX 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.

- ORGANIX TAB: Concentrate of Class 1 micro-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.

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Article nr	Name	Content	Shelf Life
X100001	Organix Part Cleaner	1 pc.	-

Catalog

CLEANERS AND DEGREASERS

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