



# MC-Duroprop U

## Cleaning agent for cleaning of oily and greasy substrates

### Product Properties

- Alkaline, low foam cleaner
- Good cleaning of oil- and grease- contaminated substrates
- Application by hand or high-pressure water cleaning equipment
- Low dosage (can be diluted with water)
- Solvent-free and compatible with hard water
- Suitable on all alkali resistant substrates (e.g: concrete, brick work, PVC, steel and stainless steel)

### Areas of Application

- Cleaning of oil - and grease - contaminated mineral substrates prior to substrate preparation
- Cleaning of interior surfaces of light liquid or grease separators
- REACH - assessed exposure scenarios: periodical inhalation, application

### Application

#### Substrate Preparation

Depending on grade of contamination of the substrate, incrustations and hard residuals are to be removed mechanically. The usage of MC-Duroprop U does not replace a proper substrate preparation by mechanical means. Please observe our General Application Advice "Substrates and substrate preparation for rehabilitation of manholes and sewage structures."

#### Mixing ratio

See table "Technical data". MC-Duroprop U can be diluted with fresh cold water. The mixing ratio depends on the grade of contamination and the way in which MC-Duroprop U is applied (manual, high pressure equipments).

#### Application / Usage

Prior to every application, the compatibility of MC-Duroprop U and substrate is to be tested on a small, non-visual area.

If a harmful effect of MC-Duroprop U can be excluded, it is to be applied onto the contaminated surface by hand (scrubber/ brush) or by high-pressure water cleaners.

After a latency of 10–15 minutes rinse the area to be cleaned thoroughly with fresh water. For very tenacious oil and grease contamination we recommend rinsing with warm water to increase the emulsifying effect. If necessary, repeat the cleaning process a few times. MC-Duroprop U must be rinsed off from the substrate completely with fresh water as residues can affect the adhesion of subsequently applied mortars or slurries. After the cleaning process, a proper substrate preparation is necessary.

#### Safety Advice

Observe the hazard notices and safety advices on the labels and safety data sheets.

GISCODE: GG20



## Technical Data for MC-Duroprop U

Characteristic	Unit	Value*	Comments
Mixing ratio (MC-Duroprop U:water)	p.b.v.	1:1 - 1:20 1:5 - 1:10	Manual use Usage with high-pressure water cleaning equipment**
Application conditions	°C	+ 5 to + 30 + 5 to + 25	Air and substrate temperature Material temperature
Residence time	min	10 - 15	Depending on contamination
pH value		11	Concentrated solution
Density	kg/l	approx.1.09	Concentrated solution

## Product Characteristics for MC-Duroprop U

Cleaning agent	fresh water
Colour	amber / clear
Form of delivery	canister of 10 l
Storage	If tightly sealed, the original packs can be stored for at least one year at temperatures between + 5 °C and + 25 °C in dry conditions. The same requirements apply to transport.
Pack disposal	Make sure the pack is completely empty.

\* Unless otherwise stated, all technical data were determined at +23°C and 50% relative air humidity

\*\* Observe supplier instructions and indications for use of high-pressure water cleaning equipment.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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