

# Cleaner Aqua 83-00

Alkaline cleaner for coated and galvanized surfaces

## Product

- Alkaline cleaning concentrate
- VOC-free
- Biodegradable

## Application

- Suitable for cleaning weathered, coated surfaces to reactivate the old coating, as well as removal of all kind of contaminations.
- Dissolves poorly soluble substances, as well as oily and greasy layers.
- Suitable for cleaning hot-dip galvanized surfaces.

## Product information

<b>Color</b>	Colourless
<b>Density</b>	~1.05 kg/l (concentrate)
<b>VOC</b>	Water-based, VOC-free

<b>Material Consumption</b>	~ 300 ml/m <sup>2</sup> of mixture			
<b>Mixing Ratio</b> with water	1 : 5 – 1 : 20			
	Mixing Ratio	Cleaner Aqua 83-00	Water	Mixture
	1:5	1 L	5 L	6 L
		5 L	25 L	30 L
	1:10	0.5 L	5 L	5.5 L
		1 L	10 L	11 L
		5 L	50 L	55 L
	1:20	0.5 L	10 L	10.5 L
1 L		20 L	21 L	
2 L		40 L	42 L	

## Mix

For use, dilute with water in a ratio of 1 : 5 to a maximum of 1 : 20.

Pour the appropriate amount of Cleaner Aqua 83-00 into a plastic mixing container and add the appropriate amount of hot water so that there is a homogeneous solution. If necessary, stir until a homogeneous solution is present. The finished solution can then be used at ambient temperature.

**Please note that this is a strong alkaline and therefore corrosive. Make sure you have the right protective equipment according to the safety data sheet. Suitable gloves, protective clothing and goggles must be worn.**

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## Processing Instructions

### Preparation

Remove coarse dirt and deposits from the surface, e.g. by means of high-pressure cleaning with warm water.

### Application

Spray the diluted solution Cleaner Aqua 83-00 onto the surface at low pressure and leave on for 10 minutes. If the weather conditions cause the solution to dry prematurely, it is necessary to respray so that there is a constant wet film on the surface during the 10 minutes exposure time.

When using a low-pressure washing process, the surface should also be treated with an abrasive fleece so that all impurities can be dissolved from the surface and removed. In the case of high-pressure cleaning, hand mechanical processing can be dispensed with if the surface is mechanically cleaned by using at minimum of 180 bar, water at 80°C and a rotating nozzle.

### Rinse

The surface must then be completely cleaned of the cleaner and impurities by washing, e.g. high-pressure cleaning with warm, clear water. Care must be taken to ensure that the surface is subsequently neutral (~ pH 7).

The cleaning effect must then be assessed.

Before coating, the surface must be completely dry in accordance with the coating material data sheet.

## Application Methods

- Pump Sprayer
- Pressure washer

## Suitable coating systems

Please contact Kansai-Helios for product and system recommendations.

## Safety

This product is intended for use only by qualified personnel and with reference to the relevant safety data sheet. All work related to the application, use and handling of this product must be carried out in accordance with the relevant national health and environmental regulations.

## Packing unit

Cleaner Aqua 83-00	Concentrate in polyethylene canisters	5 L
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## Storage and shelf life

The product must be stored in accordance with national regulations. Store the containers in a dry, cool (> 0°C), well-ventilated room. Containers must be kept tightly closed. Handle with care.

Cleaner Aqua 83-00: Unlimited shelf life when stored appropriately

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### Disclaimer

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The information in this data sheet is not intended to be exhaustive. It should be considered only as a guidance. These data are based on experience and lab tests, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavourably influence the result. The information contained in this data sheet may be changed from time to time due to changes in standards and regulations, as well as further development. It is the user's responsibility to check that the data sheet is up to date. This technical data sheet is available on our website and should be identical to this document. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.