

# WEICON Rust Remover liquid



**highly concentrated | removes rust from parts down to bare metal**

WEICON Rust Remover liquid is a special concentrate for removing rust and corrosion. The highly concentrated dip is suitable for sheet metal and steel structures as well as a wide variety of metal parts and removes rust from surfaces down to the bare metal.

Rust Remover liquid can be used without special equipment and requires no special tools. The dip, which is based on an aqueous solution, is diluted with water for standard applications. Rusty parts can be immersed directly. The rust removal concentrate is also suitable for ultrasonic baths and can be reused several times.

The special dip is suitable for a wide range of industrial applications where rust and corrosion need to be removed. For example, it is ideal for removing rust from the inside of fuel tanks.

## Characteristics

Base	watery solution	
Solid content		35,6 %
Colour		yellowish
Odour		characteristic
Texture		liquid
Density	(+20 °C)	1,17 g/cm <sup>3</sup>
Minimum shelf life	at room temperature	24 mon.

## Thermal parameters

Boiling point	100 °C
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## Chemical properties

pH value	1
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## Approvals / Guidelines

MIL-Spec	complies with	A-A-59260
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## Surface Pre-Treatment

The surface has to be dry, clean and free from dust, oil and grease. Remove loose rust, dirt and paint residues using a wire brush, grinding discs, etc. Remove sanding dust from the surface with WEICON Cleaner Spray S or WEICON Surface Cleaner.

## Application

Dilute the rust removal concentrate with water at a mixing ratio of 1:10 (1 part concentrate, 10 parts water). Heated water (approx. +60 °C) significantly reduces the rust removal time. We recommend using an immersion heater to keep the mixed liquid at the right temperature. Depending on the degree of corrosion, the concentrate can also be diluted to a lesser extent or applied directly undiluted. The mixed product can be used several times. The duration of application depends heavily on the degree of corrosion (a few minutes for flash rust to several hours for very advanced corrosion). After rust removal, rinse the components thoroughly with clean water and dry. After treatment, the passive layer on the surface should be sealed promptly with a protective coating (e.g. WEICON Zinc Spray).

## Storage

Keep tightly closed in original packaging. Protect from direct sunlight. The storage temperature must not exceed +50 °C. Keep container in a cool, well-ventilated place. Store in a dry place.

## Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

## Accessories

10000147	Cleaner Spray S, 500 ml, transparent
10000347	Cleaner S, 5 L, colourless, transparent
10024313	Surface Cleaner, 400 ml, transparent
10025288	Surface Cleaner, 5 L, transparent
10000016	Zinc Spray, 400 ml
10000047	Zinc Spray bright grade, 400 ml
10010887	Processing Spatula, 1 PCE
10022562	Processing Spatula, 1 PCE
10000398	Adjusting Valve for cans, 1 PCE

## Available sizes

10101897	WEICON Rust Remover liquid, 1 L, yellowish
10101900	WEICON Rust Remover liquid, 5 L, yellowish

### Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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## Rust Loosener

### Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$   
 $\text{mm}/25.4 = \text{inch}$   
 $\mu\text{m}/25.4 = \text{mil}$   
 $\text{N} \times 0.225 = \text{lb}$   
 $\text{N}/\text{mm}^2 \times 145 = \text{psi}$   
 $\text{MPa} \times 145 = \text{psi}$

$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$   
 $\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$   
 $\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$   
 $\text{mPa}\cdot\text{s} = \text{cP}$   
 $\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$   
 $\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

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