

KORING 761-3
(concentrate 1:50)*Water-based Degreaser and Cleaner for Stainless Steel***Purpose:**

KORING 761-3 is water-based, biodegradable cleaner for degreasing stainless steel products. It can also be used on other steels, but after washing and degreasing the products it is then advisable to include passivation or preservation. KORING 761-3 dissolves fats, emulsifies them and excellently loosens impurities from the surface of the material. The optimum temperature for use is 40-60°C, but the product works reliably even at temperatures above 8°C. It is just necessary to bare in mind longer times. It is designed for use in industrial washing machines or for hand wash tables.

Application:

Before use, the concentrate must be stirred and then diluted in the prescribed ratio, i.e. 50 l of water per kg of cleaning concentrate. Tap water can be used, but the agent achieves the best results and greatest durability when diluted with distilled or demineralised water. In addition, tap water can cause stains to form on the surface of the product during drying. Therefore, if the appearance of the surface of the washed product is important, it is necessary to use treated water free of dissolved salts.

If possible, warm the agent solution to 40-60°C before cleaning. The cleaning and degreasing speed increases with higher temperature. The agent can also be used at room temperature, but in this case the times increase several times compared to hot application. In the immersion method, it is advisable to brush the surface of the product at the end of the washing process. Brushes with internal liquid flow are most often used in wash tables. It is also possible to just let the liquid flow onto the product directly from the hose. In industrial spray washers, the pressure and flow should be regulated so that the foam does not interfere with the washing process (foam does not block the nozzles) and the flow rate allows the loose dirt to be washed away. When the surface of the material has been completely cleaned, stop the process and allow the solution to drain. It is then possible to dry it with an absorbent material (e.g. a cloth), or dry it with a stream of warm air or by blowing with pressurized air.

After the washing process is completed, the bath is left to stand. Mechanical impurities settle on the bottom of the washing machine. These can be drained or otherwise mechanically removed. When a certain saturation of the washing liquid is reached, a layer of impurities lighter than water is separated on the surface of the bath. These can be mechanically removed or separated using a suitable separation device.

Control of the depletion of the wash bath is carried out by measuring pH or conductivity or by titration. After diluting the concentrate with water, the measurement is made. (Each water provides different diluted wash bath values.) The washing status of the products is then continuously measured and evaluated. Once the products are insufficiently washed and degreased, the relevant measured value is recorded and entered into the process procedure as a threshold for bath refill or replacement.

Warning:

KORING 761-3 agent concentrate is corrosive due to its pH. Therefore, protect your hands with gloves, your eyes with goggles and your body with suitable working clothes. After the agent has been swallowed, do not induce vomiting, drink ample amount of clean water and call on a doctor. After contact with eyes, rinse them with plenty of clean water and call on a doctor.

The concentrate must be stirred well before dilution.

Packaging:

The concentrate is delivered in 25 l, 50 l plastic drums, 200 l barrels and 1 m³ IBC containers. The agent can also be delivered in a different packaging by arrangement with a customer.

Storage:

Storage life is 12 months in the original packaging. Storage temperature 4-40 °C.

Disposal:

Collect the used KORING 761-3 bath containing washed impurities and if these impurities cannot be removed, hand over the used bath to an organisation authorised by law for the disposal of hazardous waste. If the washing equipment includes an impurity removal system, then the bath is circulated and filled up to the functional concentration.