

KORING 762-1

(concentrate 1:20)

Water-based Agent for Non-ferrous and Ferrous Metals

General:

KORING 761-1 is biodegradable water born universal cleaning solution designed for degreasing and cleaning of heavy impure surfaces of any metal. It dissolves fats, fast releases impurities from surface, and it creates anticorrosion treatment. Product is designed for plunge bath, spray, and industrial wash machines applications. With respect it includes pasivators and corrosion inhibitors reacting with metallic surfaces there is necessary to make trials before application.

Application:

Before usage liquid has to be diluted in defined ratio; on 1 kg of product have to be add 20 kg of water. Water from pipes is suitable but the best results and time life will be acquired by diluting in distilled or demineralized water.

On the beginning of cleaning process has to be reached temperature 40-60°C. By higher temperature there is faster cleaning and degreasing. Nevertheless product will work under room temperature also but there is necessity to increase time of washing.

Washing duration for normally impure surfaces is approximately 5 minutes. (Exact time depends on technology, on equipment, material, and its impurities.) When is washing process finished, product has to be removed from apparatus and drain away. For final drying there is suitable absorbent towel wiping or air stream blowing.

When is washing cycle finished (after shift etc.) washing bath should be draw of. On the bottom of washing equipment will sediment mechanical impurities in a form of agglomerates with size of tens mm. These agglomerates can be extravasate of or mechanically removed. On surface of washing solution will separate layer of impurities with low mass (mostly fats). This layer is feasible remove or takes away by suitable separator.

Advantages:

- High degreasing efficiency.
- Product includes passivation chemicals that protect metal by chemical reaction.
- Solution includes inhibitors causing corrosion protection.
- Product isn't toxic.
- There is broad field of applications for simultaneous degreasing and metal protection.
- Product is biodegradable.

Warning:

Product KORING 762-1 is irritant. Wear protective gloves, glasses and protective clothing. If swallowed don't induce vomiting, drink plenty water and seek medical advice immediately. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Product includes also defoamers. But in certain washing machines it can create foam. If is foam causing trouble for washing process, there is recommended spraying or adding more defoamers on bath surface.

Active chemicals:

Non ionic surfactant, chelates, amine benzoate corrosion inhibitor.

Packaging:

Concentrate is delivered in 25 l, 50 l, and 200 l plastic barrels and in 1 m³ IBC containers. After agreement with customer it can be shipped in different container.

Storage:

Store it in plastic or metal containers and keep away from direct heat or UV rays. Storage temperature is 4 – 40°C.

Disposal:

Used ineffective solution has to be accumulated and pass to organization legally authorized for disposal of dangerous compounds. On condition washing equipment has separator there is washing liquid recyclable and separated sludge has to be handled as dangerous waste.

Expire date:

2 years in sealed original container.