

KORING 702*Organic Degreasing and Washing Liquid***General:**

Degreasing and washing liquid KORING 702 is colorless mixture of high-refined, linear, purified and desulfurized hydrocarbons. It has negligible odor and very low viscosity. Because of viscosity and very high capillary elevation it easily penetrates into negligible gaps including small threads. Liquid has strong degreasing properties especially on non-polar impurities.

Liquid is designed for industrial washing and degreasing of processed parts made from metals, the most of plastics, and a lot of painted surfaces. It is used for washing and degreasing of oils, emulsions, and many other cutting fluids or processing liquids.

As fast acting degreaser, liquid is able to be used under normal temperatures. Nevertheless increased temperature up to 40°C is also applicable. After application (washing) liquid will evaporate. Speed of evaporation is comparable to technical gasoline or white oil.

Liquid doesn't contain any corrosion inhibitor but it doesn't support any kind of corrosion also, contrary to chlorinated solvents.

Methods of Application:

The liquid can be applied on products surface by dipping, washing by brush or roller, and by spray. If dipping in a bath is applied liquid can be heated on 40°C. For any method good ventilation is required. When brush method is applied, there is necessary to add on surface sufficient amount of liquid to wash out the all impurities. The best solution is degreasing in solvent washing sink, where liquid from sealed barrel is drawn by pump across filter directly in to brush and dirty liquid is collected in a sink and flown back in to barrel. When is liquid in barrel saturated by diluted impurities, the whole barrel is changed.

Dipping has advantage of increased temperature nevertheless by room temperature is degreasing fast enough. Time necessary for good degreasing is in tens of seconds till several minutes, with respect to liquid temperature, amount and type of impurities and possible process intensification (stirring, circulating etc.).

Liquid can be used for industrial spray washing machines also if they satisfy ATEX conditions. They have to not release aerosol in working environment.

After any kind of washing, there is recommended to leave a product to drain and later to let it dry under normal room temperature conditions. If fast drying is required heated air can be applied up to 80°C. Be aware vapors of liquid are flammable Class III. Therefore good ventilation must be ensured and if heated air is applied air blowers suppose to have ATEX construction.

Warning:

The liquid KORING 702 is flammable product Class No. III. Good ventilation during its drying and any application is required. Vapors are heavier of air so they could concentrate in low situated basins or sumps.

If swallowed it could cause vomiting and vomits should endanger lungs.

The liquid is strong degreasers so it causes degreasing and drying of skin under contact. During handling and application wear suitable protective clothing and gloves.

Liquid should attack or swell some types of rubber. That's why there is recommended to make compatibility test if washing such polymers is required.

Degreasing liquid separates washed out water and heavy mechanical impurities. Both of them at the bottom of a bath. It doesn't separate diluted oils. Therefore in certain moment it could be saturated by them and it could loose degreasing properties. This process is individual with respect to the whole washing process, type and amount of impurities, and required surface cleanness. There is recommended to set washing and degreasing process by internal regulation. To determine a saturation refractometry, UV spectroscopy, chromatography, and titration methods are applicable.

Advantages:

It has high cleaning and degreasing efficiency. It is fast and universal. It doesn't support or start corrosion processes. Ecological replacement for chlorinated washing solvents. Practically no aging. It doesn't contain carcinogenic substances.

Packaging:

KORING 702 is available in 25 l, 30 l, and 50 l PE canisters or in 200 l barrels.

Other possible packaging methods are subject to negotiation.

Storage Conditions:

Store in original sealed containers in range from -10°C up to 40°C. Avoid direct sun shine. Ensure storage space good ventilation. Handle with respect to rules for flammable liquids Class III. By given conditions is product stable for 24 months.