

Instructions for use PROFERROL LIQUID

PROFERROL FLÜSSIG is a ready-to-use rust remover for all ferrous metals including cast iron.

It is best used as an immersion bath.

If rust is weak, the rust remover can also be sprayed on or brushed on.

The duration of exposure varies depending on the degree of rusting.

Flash rust can be completely removed after approx. 30 minutes.

Heavily rusted metal should be left in the bathroom overnight. Heating the immersion bath accelerates the rust removal considerably!

The temperature can be freely selected in the range of 25 - 90 ° C.

It is advisable to support the rust removal mechanically at intervals of a few hours, i.e. by moving the object in the immersion bath and, if necessary, using a wire brush.

As soon as the result meets expectations, remove the object from the immersion bath and rinse it thoroughly with clear water.

Furthermore, PROFERROL LIQUID is ideal for removing old bluing. The browning is completely and very carefully removed. Particularly fast (seconds) with hot (80 °)

PROFERROL. This applies to REAL burnishing, not to so-called quick burnishing.

If white or gray-white residues are formed, these can be removed from the PROFERROL N supplied together with PROFERROL FLÜSSIG by immersing them in an immersion bath.

PROFERROL N is used for better cleaning of the rusted object even after complete rust removal. It can be used as an immersion bath as well as with a brush or a similar tool.

Tip: Occasionally, a dark deposit is formed when the steel is de-rusted in alloy steel. This can be brushed off under running water.

When using PROFERROL LIQUID, please note that it has a certain caustic effect. This is about the same as vinegar. Therefore it is essential to wear rubber gloves and safety glasses!

In the event of any splashes that should nevertheless get into your eyes, rinse them out immediately. Proferrol is not toxic or flammable and can be disposed of via the sewage system.

Proferrol is completely water-soluble and can be mixed with water in any ratio.

PROFERROL N is also slightly caustic. When handling it, the same precautionary measures as when working with PROFERROL LIQUID must be observed.

In general, all objects that have been neutralized with PROFERROL N must be rinsed off thoroughly!

Galvanized iron or pure zinc cannot be cleaned with PROFERROL LIQUID, since zinc is dissolved in contrast to iron. This property can therefore also be used for dezincing steel: an immersion bath in PROFERROL LIQUID completely removes the zinc from the iron.

It is advisable to dry the rust-free iron neutralized with PROFERROL N after cleaning and to protect it from further corrosion.

Tip: The rust has mostly made the surface a little rough, but you can quickly smooth it out again with the wire brush!

Heavily rusted containers are a special problem, e.g. Petrol tanks etc. PROFERROL FLÜSSIG is particularly suitable for cleaning such containers, since it can be applied quickly and easily due to the thin liquid and the very good wetting behavior. Fill and shake the tank to about a tenth of its content with PROFERROL LIQUID, by turning it over and over you can achieve even rust removal from the inside of the tank.

Once the tank has been cleaned, wash the PROFERROL LIQUID thoroughly and with approx. 0.5 - 1 liter
Neutralize PROFERROL N.

Derusting with PROFERROL LIQUID should be done in a well-ventilated place or outdoors. Store protected from frost. Shelf life 5 years.

The usual precautionary measures must be observed when working with chemicals! Do not use on marble, other basic natural stones and concrete!

R 34 Causes burns.

S 2 Keep out of the reach of children.

S24 Avoid contact with skin.

S 25 Avoid contact with eyes.

S 26 In case of contact with eyes, rinse thoroughly with water and consult a doctor.

S 27 Take off contaminated, soaked clothing immediately.

S 28 In case of contact with skin wash off immediately with plenty of water.