



ETCHCID ST

LIQUID DEOXIDATION- AND RECONDITIONING PRODUCT FOR METALS.

- **ETCHCID ST** can be used on some metals in order to obtain a satin shine.
- The soaking-time is mostly very short.
- Removes oxides, scale, discolorations of welding, stains etc.
- Phosphate-free

Where to use

Liquid, high acid, non-foaming, colourless deoxidation product for removing oxide-scale, lime, discolorations, stains and soot deposits from stainless steel, aluminium, copper, messing, zinc, titanium, zirconium in immersion tanks.
Deoxidation and conditioning of stainless steel, aluminium, copper, messing, zinc, magnesium, titanium, and zirconium.

Packing

container of 12 kg

How to use

For treatment of metals with **ETCHCID ST** in immersion tanks. Very big surfaces can be treated with a spray-system by means of a separate procedure (on demand). All metals must be first degreased very thoroughly. With the choice of the right cleaner from our product program we will be very pleased to advise you.

Removing soot deposits from aluminium before passivation.:

30 - 50% by volume. Temp.: 30 - 45°C.

Deoxidation and brightening of stainless steel:

30 - 100% by volume (it depends on the soil) Temp.: 20 - 40°C.

Descaling of titanium, zirconium:

10 - 50% by volume. Temp.: 20 - 40°C.

Conditioning of metals:

5 - 100% by volume. Temp. 20 - 45°C.

After cleaning: rinse thoroughly with clean water!

ETCHCID S.T. is especially developed for removing of the rolling skin as well as for the conditioning of metals and surfaces.

With this treatment there can occur a slight metal loss or etching of the metal surface.

The immersion tanks must be covered with koroseal (PVC) teflon, polypropylene or polyethylene.

Always add **ETCHCID ST** to the water, never the opposite!!.

The soaking-time must be limited until the right result from the implement work has been reached which will be most of the time very short. A too long soaking-time can be harmful for some metals, like titanium and stainless steel.

In all cases: **do not use > 50°C.**

Avoid splashing!

ETCHCID ST is not recommended on surfaces which are in contact with food

Avoid contact with glass, ceramic or concrete. If this still is the case then rinse thoroughly with water. Keep away the concentrated product from flammable, organic or fast oxidizing materials. Avoid contact or mixing with materials which will give off chlor.

Properties

Physical aspect	: colourless liquid
Normal working-temperature	: 20 - 45°C. Not above 50°C.
pH at working-concentration	: < 1
Odor	: tingled
Solubility in water	: complete

Safety

The safety information of this product is mentioned in our Safety Data Sheet (MSDS).
If using cleaning- and/or disinfectant products use always personal protective equipment

* Only to be used by professional users.