



# Product Specification Report

V. 1.0

It is used on stainless steel to eliminate blue discolouration and the black layer of oxidation of the metal due to welding operations.

## METAL DECALIX

Pickling liquid for stainless steel

### FEATURES:

<b>Fast action</b>	Quickly removes oxidation and welding tarnishing.
<b>Cleaning action</b>	It also performs a cleaning action. It removes grease and oil, thanks to the combined descaler and detergent action, allowing for easy cleaning of treated surfaces
<b>Excellent finish</b>	Eliminates all thermal oxide, calamine and black fouling from the weld bead, leaving the bead clean and bright
<b>Inexpensive</b>	Cost effective because it can be diluted with water to a ratio of 1:1 in many applications

### APPLICATIONS:

The product can be used on all stainless steel surfaces.

### INSTRUCTIONS:

#### Spray:

Depending on the surface to be treated, use the product neat or diluted in a 50% solution. Spray onto the surface from the bottom to the top and let stand for 15 minutes. If necessary, brush the surface with a wire brush. Rinse with water under high pressure.

#### Bath (polyethylene tank):

Use the product neat or diluted up to 50%, depending on the degree of oxidation to be removed. Prepare the polyethylene tank. Place the items to be treated in the tank and soak them for 30 minutes, until all the tarnish is gone. Remove objects and rinse well with water under high pressure.

### SAFETY PRECAUTIONS:

If you leave to soak for too long, the risk of marks on the surfaces to which the product is applied is increased. We recommend you carry out preliminary tests to optimize the contact time. Warning, the contact time should decrease with increasing ambient temperature. Avoid using on excessively heated or hot parts. METAL DECALIX is a strong acid and thus oxidant. Therefore, we recommend operators pay the utmost attention during use. When preparing solutions for use, do not add water to the product, but always product to the water. In any case, refer to the safety data sheet for further information.

### SPECIFICATIONS:

Chemical and physical properties	Values
Form	Liquid
Colour	Colourless
Odour	Pungent
pH (1% sol)	< 1
Specific weight	1.17 g/cm <sup>3</sup>
Water solubility/miscibility	Miscible

All the information in this document is based on our practical experience and/or laboratory tests. Because of the wide spectrum of conditions for the use and unpredictable human factors, you should always test our products before final use. This technical data sheet may already have been revised pursuant to current legislation, the availability of individual ingredients or newly acquired information. We are able to send, upon request, the latest applicable version, which is at the same time the most up-to-date version.