

# DESCALINOX FAST TPF

## THE FASTER AND SAFER STAINLESS STEEL PICKLING



In order to increase the pickling speed, to reduce the treatment times, and, at the same time, to reduce the danger in use, it has been designed a new pickling product for stainless steel, marked under the name **DESCALINOX FAST TPF**.

**DESCALINOX FAST TPF** represents the evolution of a series of "environmentally friendly" pickling products free of nitric acid developed and patented by Condoroil in 1989.

The general characteristics of the pickling solutions which use **DESCALINOX FAST TPF**, therefore, do not differ from those made with the previous products which are still actual: **DESCALINOX P 13**, **P14**, and **P17** whose peculiarity is the higher pickling speed achieved with the addition of particular additives that act as activators to the etching of the oxides.

The reduction of pickling times allow to process very difficult materials ( i.g. Duplex, Superduplex, alloys for electrodes, ecc) in more acceptable times and to deal with production growth without modifying the pickling plant.

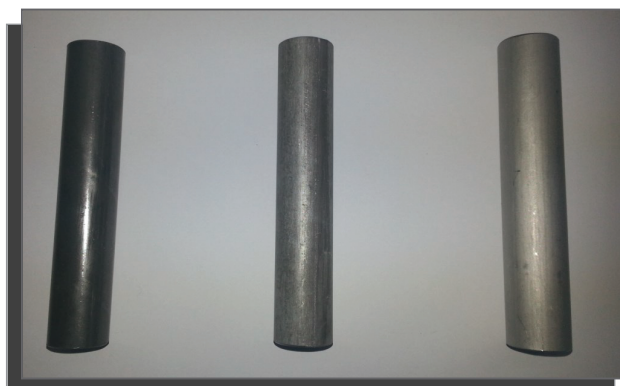
Considering the toxicity classification according to the CLP (reg. 1272/2008)

**DESCALINOX FAST TPF Concentrate:**

Cat. TOX 2 max 50 ton of storage

**DESCALINOX FAST TPF in the solution :**

Cat. TOX 3 No limits of storage



*In this picture a raw superduplex tube and the same tube after 2 hours pickling with Descalinox P13 and with Descalinox Fast.*

Furthermore the formula::

- is nitric and hydrochloric acid free with low concentration of hydrofluoric acid
- performs in a wide range of iron concentration (from 25 to 100 g/l of dissolved iron)
- is not corrosive towards the matrix and welding
- Grants a high quality surface appearance
- Is regenerable with acid retardation resins (Resibed units) and/or decationizers (Dynarec unit)
- It is classified in cat. TOX 2 and its solutions in cat. TOX 3

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