

## Technic Announces Release of Techni Buffer NiF

### Nickel and Boron-Free pH Buffer for Nickel Electroplating

**Lodi Vecchio, Italy** – Technic Italgalvano is proud to announce the release of Techni Buffer NiF, a new nickel and boron-free buffering agent for nickel plating.

For decades, boric acid has been used as a buffering agent for nickel plating. However, in Europe it has been classified as a dangerous, reprotoxic substance (H360FD) and a “Substance of Very High Concern” (SVHC).

Furthermore, boric acid is a salt and as such, it does not dissolve well in water. This makes adding it to the tank quite difficult, as it will be necessary to wait until boric acid is completely dissolved.



Techni Buffer NiF is a boron-free, liquid product, so it prevents the above issues.

In addition to this, an increasing number of customers enquire about nickel-free additives, as nickel is also in the ECHA’s crosshairs and large companies are reducing its use across the board.

Techni Buffer NiF is non-toxic and completely free from carcinogenic substances, thus making it easier for manufacturers to be REACH-compliant and, most importantly, drastically reduce the risks to human health.

*“As the number of customers inquiring about carcinogen-free processes keeps rising in Europe, our R&D projects are now mostly focused on developing safer, more sustainable solutions. Our goal is to create a new generation of products that offer excellent performances while improving the sustainability of plating processes.”*

- Giorgio Stabilini, Managing Director at Technic Italgalvano

#### About Technic

For over 75 years, Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the semiconductor, electronic component, printed circuit board, industrial finishing, and decorative industries. Technic is also a major supplier of engineered metal powders to the solar industry.

#### About Technic Italgalvano

Technic Italgalvano supplies surface finishing process chemistry, analytical service, and support as well as equipment to the industrial, electronics, aerospace, solar, automotive, fashion, and furnishings industries. Its ISO 9001:2015 facility located in Lodi Vecchio, Italy, provides regional service and support throughout Europe, Russia, and the Middle East.