INORCHEM INTERNATIONAL LLC.

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GalvAcid® *CLASS 2C*

DESCRIPTION

Special formulation that includes the pickling potential of inorganic acids and salts and compatible organic compounds, aimed at modifying the surface tension, the vapor pressure of CLH ↑, and controlling the attack on metal.

APPLICATIONS

Pickling processes in the metal finishing industry.

ADVANTAGE

The working solutions prepared with GALVACID®-CLASS 2C and HCL, project higher pickling speeds than those obtained with pure inorganic acids, significantly minimizing the evolution of hydrogen chloride fumes, radically improving environmental conditions and, therefore, the consequent reduction in the rate of corrosion in equipment and structures. Also, pickling is obtained with a higher degree of surface cleaning, which is noticeable with the naked eye.

Similarly, GALVACID®- CLASS 2C allows to focus the pickling reactivity on the oxides present in the pieces, avoiding excessive attack on the metal and consequently preventing the high generation of hydrogen, which also contributes to the generation of undesirable fumes in the process and the "Hydrogen Embrittlement" phenomenon. As a consequence of the above, GALVACID®-CLASS 2C allows extrapolating a greater longevity of the working solution in the pickling processes, improving yields, by reducing the gradients in the increase of ferrous concentrations in the pickling solution, which it also allows projecting a decrease in the liquid effluents (spent acids) generated from such processes. The significant drops in the generation of "Dross" and in the consumption of Zinc have also been verified in different production lines, with the use of this specialty.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	GALVACID®-CLASS 2C
CONCENTRATION Equivalent. HCL (% weight)	**20-22**
Density A 25°C (gr/cm^3)	**1,25-1,26**
Iron as Fe^{++} (ppm máx)	**20**
ORGANICS	**< 40.000 ppm**