

Data Sheet



The information contained in these data sheets product performance when used in their intended WIM Inc. cannot foresee all of the potential place when these products are used. Please read for more information about these products.

WIM[®] Acid Additive 76

WIM 76 acid additive is a liquid additive, which can be used effectively in a variety of pickling situations. It is a good choice when pickling in hydrochloric or muriatic acid and for pickling for hot dip galvanizing.

WIM76 is a balanced formulation containing surface conditioning additives, an excellent wetting system and inhibiting compounds. This combination will pickle scale away faster, with a finer etch on the steel surface. The wetting system generates a tight long lasting foam blanket to control fumes, while the surface conditioners work to develop a brighter, cleaner surface, leaving less residuals on the steel.

When used for hot dip galvanizing, the pickled steel is cleaner; and the surface is better prepared to react with the flux and the molten zinc to produce a tighter, more ductile, protective hot dip coating.

Recommended Usage

WIM76 is added to sulfuric acid at the rate of 1/4% to 1/2% of the acid weight for charging or to maintain the pickle tank (0.4 0.8% of the acid volume).

WIM76 is added to hydrochloric or muriatic acid at the rate of 0.1 to 0.3% by volume of the commercial hydrochloric acid used to make up and maintain the pickle solution.

Galvanizing

WIM 76 is often used with NaxidSM acid additives or our older WIM 67 or WIM 69 pickling accelerators for a finer etch, improved bonding, and crystalline growth of the molten zinc resulting in a brighter, smoother galvanize.